## Genetic Engineering - A Christian Scientist's Perspective

Dr. Ray Bohlin examines the rapidly moving world of genetic engineering from a Christian worldview perspective. He explains that most genetic engineering attempts to make more efficient changes similar to those previously done through selective breeding and other conventional techniques. However, those working in the field need to be aware of the ethical and religious issues that arise in this area of science.

## What Is Genetic Engineering?

Our culture teeters on the edge of a steep and dangerous precipice. New technologies will soon allow us to change, radically and permanently, the world in which we live. Indeed, we will hold in our hands the capability of directly and purposefully changing who we are as human beings. The technology I am speaking of is genetic engineering. {1} Ethical and technical questions swirl around discussions of genetic engineering like the wall clouds of the eye of a hurricane. Many in society seem to be bracing themselves for the disappearance of the calm of the eye and the coming of the full force of a powerful and destructive combination of new plants and animals unleashed on an unsuspecting environment, with new and improved humans designed to succeed.

Before your alarm buttons go on overload, let me say that I hope to lend a reassuring voice with a dose of sober realism. Genetic technology will undoubtedly unleash great power to change our world forever, but should it, and will it? In this article I want to explore just a few of the technical and ethical questions we face as a society. The time to discuss

these issues is now, while we still have time to think without simply reacting.

The phrase genetic engineering, unfortunately, often conjures up images of macabre experiments resulting in Frankenstein-like monsters and the cold-hearted use of genetic information to create new social classes depending on our genes, as in the 1997 film *Gattaca*. {2} However, genetic engineering can simply be defined as the manipulation or alteration of the genetic structure of a single cell or organism.

Sometimes the manipulation of an organism's genome, the totality of all its genes, can simply refer to the project of identifying its complete DNA sequence in order to gain information for future study and potential alteration. The Human Genome Project is therefore, in a sense, a form of genetic engineering because the human genome must be broken up and manipulated in order to gain the desired information.

Ordinarily, genetic engineering refers to the direct addition, deletion, or intentional mutation of an organism's DNA sequence to produce a desired effect. Knockout experiments in mice seek to determine the effects of eliminating a particular gene from the mouse genome. Recombinant DNA experiments usually take a gene found in one organism and place the gene into another organism. These animals can be of the same or different species.

Sometimes researchers will simply change the DNA sequence in a gene to study what effect the specific change has on the gene or its protein product. All of these alterations fall under the umbrella of genetic engineering. In this broad definition, genetic engineering is neither good nor evil. The nature of the experiments themselves will determine if they are moral or immoral.

## Why Are There Genetic Illnesses?

The initial thrust of genetic research is the treatment and potential cure of genetic illnesses. Therefore, we must explore why genetic illnesses occur at all. "Why questions" within science usually occur on two levels and are notoriously difficult. The first level and usually the easier of the two are the scientific. The "why" is best changed to "how." For our purposes this means, How do genetic illnesses arise? The second, more difficult question asks on a moral basis, Why do genetic illnesses occur?

The answer to the first question, How do genetic illnesses arise?, is simply, mutations. Mutations are mistakes in the DNA sequence. Sometimes a mutation is simply the substitution of one nucleotide for another.

Mutations can also result from a piece of DNA being deleted. This may cause one or more codons to disappear. In cystic fibrosis (CF), codon 508 out of 1,480 is missing, causing one amino acid to be removed from the resulting protein. This causes the severe respiratory and digestive problems of CF patients that are usually lethal before their 30th birthday.

So far, genes for more than 1,200 human disorders have been identified, which are found over all twenty-three pairs of human chromosomes. Some estimate that there may be as many as 3,000 to 4,000 human genetic disorders that are due to defects in a single gene. Most disorders, however, will be due to mutations in a host of genes.

The moral question is perhaps not so difficult in its answer, but in our acceptance of the answer. Mutations exist as a result of the Fall. We know the serpent was cursed, Eve was cursed, and Adam was cursed (Gen. 3:14-19). But Romans 8:18-22 also tells us that all creation was subjected to futility, groans and suffers, and eagerly awaits the revealing of the sons of God so it may be set free from its slavery to

corruption. This world is not as God intended.

Asking why someone suffers from a genetic disease is no different than asking why someone was killed in a traffic accident when others walked away. We know our suffering is temporary. We know that God will somehow work it all out for good (Rom. 8:28). But in 2 Corinthians Paul tells us we suffer so we can comfort those who suffer after us (1:4), so other sufferers will know they are not alone (1:6), and, principally, we suffer so we will trust in God and not ourselves (1:9).

Part of the Christian mission has always been to alleviate suffering where possible. While Jesus' miracles clearly were part of fulfilled prophecy, they were also about relief from suffering. Genetic engineering, while possessing a power that can be used for evil, which we will discuss, also at least has the potential to relieve the suffering from, if not even cure, genetic disease.

# Could Changing Genetic Material Produce a Dangerous Superbug?

One concern that many people have about genetic engineering is the possibility of unintentionally creating a superbug or a damaging plant or animal whose destructive nature is only discovered after the fact. After all, our knowledge of the workings of genes and proteins is still growing. We hear constantly how complex everything is. What makes us think we can tinker with this incredible biological reservoir of information without making some incredible blunder from which there is no turning back?

When genetic engineering in bacteria was first discovered and introduced (Recombinant DNA technology), many scientists had this very fear. This was partially the reason for the self-imposed moratorium and four levels of containment in the early 1970s. But geneticists and molecular biologists found that

dangerous, unintentional consequences were virtually nonexistent. Enforcement of the guidelines eventually relaxed and soon became outdated and ignored. What this means is that researchers were quite convinced that transferring DNA of known sequence and function into bacterial chromosomes and plasmids did not result in unforeseen consequences. The procedure became routine and straightforward.

This does not mean that someone, somewhere, won't use biotechnology to produce a superbug intentionally. Certainly this technology can be used to produce even more powerful and resistant agents of biological warfare. Some even speculated that HIV (human immunodeficiency virus), the virus that causes AIDS, was intentionally produced. Though this hypothesis has been successfully refuted, the prospect remains that DNA recombinant technology has opened up a new field that can be used for evil.

However, we must be clear that this is not the fault of the technology itself. It is entirely human to shrink with fear away from things that we don't understand. The first predictable reaction of tribal societies when faced with modern technology was to cower in fear. Something dreadful was about to descend upon them. Usually this didn't happen and, with some education and familiarity, fear dissipated. But only human agents alone can make evil choices. Fire will heat our homes and cook our food, but it can also kill indiscriminately in the hands of an arsonist. But fire itself is not evil.

What should concern us more than the advent of biotechnology is the growing popularity of a totally secular and naturalistic worldview. Naturalism contends that humans are just complicated animals. The end result of this assumption is that ethics becomes an exercise in simply determining what works, not what is right.

Biotechnology is powerful, indeed, but we cannot put the genie back in the bottle. Therefore we must engage the discussion as to how this technology can be used to cure disease and not become another snare to degrade and dehumanize people's lives.

## Are We Playing God by Creating Organisms That Never Existed Before?

Unfortunately, the concept of playing God means different things to different people. {3} For some it may have nothing to do with God at all. They are simply expressing awe and wonder at the power that humans can wield over nature.

For some Christians, however, the notion of playing God carries a pietistic view of God's realm of activity versus that of the human race. In this context, playing God means performing tasks that are reserved for God and God alone. If this is what genetic technology does, then the concerns about playing God are justified. But what is often being reflected in this perspective is that God acts where we are ignorant and it should stay that way.

What is really at stake is fear, fear of what we may learn, fear of what new responsibility this new knowledge will put on our shoulders, and fear that this new knowledge will be used to harm us and not for the common good. The point was made that technology itself is not evil. Any technology can be used to further God's purposes or hinder them. People make those decisions, not technology.

By the very fact that we are called to be stewards of God's creation (Gen. 1:26-28), we need to expand our knowledge of what God has made in order to better rule over His creation. Part of being made in God's image is our creativity. In this sense we "play God" by imitating Him. Our works of art, buildings, management of natural parks, and care for the poor, sick, and disadvantaged all imitate God for the good of His creation.

But we are still creating new creatures that did not exist

before. Isn't God the only Creator in that sense? We seldom realize that we are hard-pressed to find in nature today the ancestors of nearly all the plants and animals we use for food or service. Our current varieties of corn, wheat, flowers, cattle, dogs, horses, etc., bear little resemblance to the original stock in nature. That is because we have selected and manipulated them over the millennia for our own purposes. We have already created animals and plants that never existed before. Genetic technology has greatly increased the specificity and power of our abilities, but the nature of what we can do is the same as before.

If we are to play God in the sense of imitating Him as we apply the truth of being created in His image and in exercising our appointment as stewards over all He has made, then we need to do so with humility and compassion. Our creative abilities should be used to enhance the condition of men and women as we struggle in a fallen world. Genetic technologies can and should be used to help alleviate or even cure the effects of genetic disease.

# Is It Wrong to Combine Genes from Different Species?

Have you ever wondered if we should be transferring genes from one species to another at all? Does this in itself violate some ethical principle? One gene does not define a species. Bacteria are composed of thousands of genes and it is estimated that humans possess as many as 100,000 genes. Therefore, transferring one gene from one organism to another does not create a hybrid in the traditional sense. Genes, remember, are composed of DNA. DNA is a molecule; it is not living in and of itself.

If the idea of adding something foreign to an organism is troublesome, just realize that we do this all the time when we take antibiotics, over the counter pain medications, and other synthetic medications. Our bodies would never come across most of these substances in nature.

What is different is that with genetic engineering, we have added something to a cell or organism that will change the composition of that cell or organism, possibly for as long as it lives, and is potentially passed on to future generations. It is reasonable to ask if we have the wisdom even to try to make these kinds of changes. No doubt, genetic technology provides a power never before possessed by human beings: to design intentionally or create a new variety of organism by altering its genetic structure.

Once again, the issues are, Which genes are actually being transferred? and, For what purpose? These questions, asked case by case, should rule our choices, not the inherent legitimacy of genetic engineering itself. Creating crops internally resistant to disease, particularly to help developing countries better feed their people, is a goal worthy of God's image-bearers.

However, intentionally manipulating the gene of a known pathogenic and deadly bacterium with the expressed intent of creating a biological weapon that is untreatable and incurable is a hideous evil. Kerby Anderson also warns that we need to consider the extent that genetic manipulation may cross over barriers God instituted in the created kinds. [4] If God felt it important to create boundaries of reproduction that his creatures were to stay within, we ought not cross over them ourselves (Gen. 1:11, 12, 21, 24, 25).

It is certainly possible for genetically modified organisms created for agricultural and medical purposes to develop in ways not planned or foreseen. Therefore, it is necessary that proper and extensive tests be performed to assure, as much as possible, that no unnecessary harm will come to the environment or to humans. As vague as this prescription is, it only serves to reinforce the necessity of further education on

the part of everyone to ensure that this powerful technology is used responsibly. We simply cannot afford to be ignorant of genetic issues and technologies and expect to contribute to the necessary discussion that lies ahead.

#### **Notes**

- 1. An excellent resource for Christians on this topic is Genetic Engineering: A Christian Response, Timothy J. Demy and Gary P. Stewart, eds. (Grand Rapids, MI: Kregel Publications, 1999)
- 2. Gattaca, a film by Andrew Niccol, A Jersey Films production, distributed by Columbia Pictures, 1997.
- 3. Allen D. Verhey, "Playing God," in *Genetic Ethics: Do the Ends Justify the Genes?* (Grand Rapids, MI: Eerdmans Publ. Co., 1997), 60-74.
- 4. J. Kerby Anderson, "The Ethics of Genetic Engineering and Artificial Reproduction," in *Genetic Engineering: A Christian Response*, Timothy J. Demy and Gary P. Stewart.

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# Technological Challenges of the 21st Century

We live in historic times. And we will face new challenges as we enter the 21st century, especially in the area of technology. The fields of biotechnology and information technology have the capacity to change the social landscape and even alter the way we make ethical decisions. These are not challenges for the faint-hearted. We must bring a toughminded Christianity into the 21st century.

We are reminded in 1 Chronicles 12:32 (NIV) that the men of Issachar "understood the times and knew what Israel should do." Likewise, we must understand our times and know what we should do. New ethical challenges await us as we consider the moral issues of our day and begin to analyze them from a biblical perspective.

We should also enter into the task with humility. Over a hundred years ago, Charles Duell, Director of the U.S. Patent Office, was ready to close his office down because he believed that "Everything that can be invented has been invented." {1} We should not make the mistake of thinking that we can accurately see into the future. However, we can analyze trends and look at new inventions and begin to see the implications of these remarkable changes. Our challenge will always be to apply the timeless truths of Scripture to the quickly changing world around us.

How should Christians analyze the technological changes taking place? First we must begin by developing a theology of technology.

#### Theology of Technology

Technology is really nothing more than the systematic modification of the environment for human ends. This might be a process or activity that extends or enhances a human function. A telescope extends man's visual perception. A tractor extends one's physical ability. A computer extends a person's ability to calculate.

The biblical mandate for developing and using technology is stated in Genesis 1:28. God gave mankind dominion over the land, and we are obliged to use and manage these resources wisely in serving the Lord. God's ideal was not to have a world composed exclusively of primitive areas. Before the Fall (Gen. 2:15) Adam was to cultivate and keep the Garden of Eden. After the Fall the same command pertains to the application of

technology to this fallen world, a world that "groans" in travail (Rom. 8:22). Technology can benefit mankind in exercising proper dominion, and thus remove some of the effects of the Fall (such as curing disease, breeding livestock, or growing better crops).

Technology is neither good or evil. The worldview behind the particular technology determines its value. In the Old Testament, technology was used both for good (e.g., the building of the ark, Gen. 6) and for evil (e.g., the building of the Tower of Babel, Gen. 11). Therefore, the focus should not be so much on the technology itself as on the philosophical motivation behind its use. Here are three important principles that should be considered.

First, technology should be seen as a tool, not as an end in itself. There is nothing sacred about technology. Unfortunately, Western culture tends to rely on it more than is appropriate. If a computer, for example, proves a particular point, people have a greater tendency to believe it than if the answer was a well-reasoned conclusion given by a person. If a machine can do the job, employers are prone to mechanize, even if human labor does a better or more creative job. Often our society unconsciously places machines over man. Humans become servants to machines rather than the other way around.

There is a tendency to look to science and engineering to solve problems that really may be due to human sinfulness (wars, prejudice, greed), the fallenness of the world (death, disease), or God's curse on Adam (finite resources). In Western culture especially, we tend to believe that technology will save us from our problems and thus we use technology as a substitute for God. Christians must not fall into this trap, but instead must exhibit their ultimate dependence on God. Christians must also differentiate between problems that demand a technological solution and ones that can be remedied by a social or spiritual one.

Second, technology should be applied in different ways, according to specific instructions. For example, there are distinctions between man and animal that, because we are created in God's image (Gen. 1:26-27), call for different applications of medical science. Using artificial insemination to improve the genetic fitness of livestock does not justify using it on human beings. Christians should resist the idea that just because we *can* do something, we *should* do it. Technological ability does not grant moral permission.

Third, ethics, rather than technology, must determine the direction of our society. Jacques Ellul has expressed the concern that technology moves society instead of vice versa. {2} Our society today seems all too motivated by a technological imperative in our culture. The technological ability to do something is not the same as a moral imperative to do it. Technology should not determine ethics.

Though scientists may possess the technological ability to be gods, they nevertheless lack the capacity to act like gods. Too often, man has tried to use technology to become God. He uses it to work out his own physical salvation, to enhance his own development, or even to attempt to create life. Christians who take seriously human fallenness will humbly admit that we often do not know enough about God's creation to use technology wisely. The reality of human sinfulness means that society should be careful to prevent the use of technology for greed and exploitation.

Technology's fruits can be both sweet and bitter. C. S. Lewis writes in the *Abolition of Man*, "From this point of view, what we call Man's power over Nature turns out to be power exercised by some men over men with Nature as its instrument. . . . There neither is nor can be any simple increase of power on Man's side. Each new power won by man is a power over man as well. Each advance leaves him weaker as well as stronger. In every victory, besides being the general who triumphs, he is also the prisoner who follows the triumphal car." {3}

Christians must bring strong biblical critique to each technological advance and analyze its impact. The goal should be to liberate the positive effects of technology while restraining negative effects by setting up appropriate constraints against abuse.

#### The Challenge of Biotechnology

The age of biotechnology has arrived. For the first time in human history it is possible to completely redesign existing organisms, including man, and to direct the genetic and reproductive constitution of every living thing. Scientists are no longer limited to breeding and cross-pollination. Powerful genetic tools allow us to change genetic structure at the microscopic level and bypass the normal processes of reproduction.

For the first time in human history it is also possible to make multiple copies of any existing organism or of certain sections of its genetic structure. This ability to clone existing organisms or their genes gives scientists a powerful tool to reproduce helpful and useful genetic material within a population.

Scientists are also developing techniques to treat and cure genetic diseases through genetic surgery and genetic therapy. They can already identify genetic sequences that are defective, and soon scientists will be able to replace these defects with properly functioning genes.

Gene splicing (known as recombinant DNA technology) is fundamentally different from other forms of genetic breeding used in the past. Breeding programs work on existing arrays of genetic variability in a species, isolating specific genetic traits through selective breeding. Scientists using gene splicing can essentially "stack" the deck or even produce an entirely new deck of genetic "cards." But this powerful ability to change the genetic deck of cards also raises substantial scientific concerns that some "sleight-of-hand" would produce dangerous consequences. Ethan Singer said, "Those who are powerful in society will do the shuffling; their genes will be shuffled in one direction, while the genes of the rest of us will get shuffled in another." [4] Also there is the concern that a reshuffled deck of genes might create an Andromeda strain similar to the one envisioned by Michael Crichton is his book by the same title. [5] A microorganism might inadvertently be given the genetic structure for some pathogen for which there is no antidote or vaccine.

The potential benefits of gene splicing are significant. First, the technology can be used to produce medically important substances. The list of these substances is quite large and would include insulin, interferon, and human growth hormone. The technology also has great application in the field of immunology. In order to protect organisms from viral disease, doctors must inject a killed or attenuated virus. Scientists can use the technology to disable a toxin gene, thus producing a viral substance that triggers production of antibodies without the possibility of producing the disease.

A second benefit is in the field of agriculture. This technology can improve the genetic fitness of various plant species. Basic research using this technology could increase the efficiency of photosynthesis, increase plant resistance (to salinity, to drought, to viruses), and reduce a plant's demand for nitrogen fertilizer.

Third, gene splicing can aid industrial and environmental processes. Industries that manufacture drugs, plastics, industrial chemicals, vitamins, and cheese will benefit from this technology. Also scientists have begun to develop organisms that can clean up oil spills or toxic wastes.

This last benefit, however, also raises one of the greatest

scientific concerns over the use of biotechnology. The escape (or even intentional release) of a genetically engineered organism might wreak havoc on the environment. Scientists have created microorganisms that dissolve oil spills or reduce frost on plants. Critics of gene splicing fear that radically altered organisms could occupy new ecological niches, destroy existing ecosystems, or drive certain species to extinction.

A significant question is whether life should be patented at all. Most religious leaders say no. A 1995 gathering of religious leaders representing virtually every major religious tradition spoke out against the patenting of genetically engineered substances. They argued that life is the creation of God, not humans, and should not be patented as human inventions. {6}

The broader theological question is whether genetic engineering should be used and, if permitted, how it should be used. The natural reaction for many in society is to reject new forms of technology because they are dangerous. Christians, however, should take into account God's command to humankind in the cultural mandate (Gen. 1:28). Christians should avoid the reflex reaction that scientists should not tinker with life; instead Christians should consider how this technology should be used responsibly.

One key issue is the worldview behind most scientific research. Modern science rests on an evolutionary assumption. Many scientists assume that life on this planet is the result of millions of years of a chance evolutionary process. Therefore they conclude that intelligent scientists can do a better job of directing the evolutionary process than nature can do by chance. Even evolutionary scientists warn of this potential danger. Ethan Singer believes that scientists will "verify a few predictions, and then gradually forget that knowing something isn't the same as knowing everything. . . . At each stage we will get a little cockier, a little surer we know all the possibilities." {7}

In essence biotechnology gives scientists the tools they have always wanted to drive the evolutionary spiral higher and higher. Julian Huxley looked forward to the day in which scientists could fill the "position of business manager for the cosmic process of evolution." {8} Certainly this technology enables scientists to create new forms of life and alter existing forms in ways that have been impossible until now.

How should Christians respond? They should humbly acknowledge that God is the sovereign Creator and that man has finite knowledge. Genetic engineering gives scientists the technological ability to be gods, but they lack the wisdom, knowledge, and moral capacity to act like God.

Even evolutionary scientists who deny the existence of God and believe that all life is the result of an impersonal evolutionary process express concern about the potential dangers of this technology. Erwin Chargaff asked, "Have we the right to counteract, irreversibly, the evolutionary wisdom of millions of years, in order to satisfy the ambition and curiosity of a few scientists?" {9} His answer is no. The Christian's answer should also be the same when we realize that God is the Creator of life. We do not have the right to "rewrite the fifth day of creation." {10}

What is the place for genetic engineering within a biblical framework? The answer to that question can be found by distinguishing between two types of research. The first could be called genetic repair. This research attempts to remove genetic defects and develop techniques that will provide treatments for existing diseases. Applications would include various forms of genetic therapy and genetic surgery as well as modifications of existing microorganisms to produce beneficial results.

The Human Genome Project has been able to pinpoint the location and sequence of the approximately 100,000 human genes. {11} Further advances in biotechnology will allow

scientists to repair these defective sequences and eventually remove these genetic diseases from our population.

Genetic disease is not part of God's plan for the world. It is the result of the Fall (Gen. 3). Christians can apply technology to fight these evils without being accused of fighting against God's will. {12} Genetic engineering can and should be used to treat and cure genetic diseases.

A second type of research is the creation of new forms of life. While minor modifications of existing organisms may be permissible, Christians should be concerned about the large-scale production of novel life forms. That potential impact on the environment and on mankind could be considerable. Science is replete with examples of what can happen when an existing organism is introduced into a new environment (e.g., the rabbit into Australia, the rat to Hawaii, or the gypsy moth in the United States). One can only imagine the potential devastation that could occur when a newly created organism is introduced into a new environment.

God created plants and animals as "kinds" (Gen. 1:24). While there is minor variability within these created kinds, there are built-in barriers between these created kinds. Redesigning creatures of any kind cannot be predicted the same way new elements on the periodic chart can be predicted for properties even before they are discovered. Recombinant DNA technology offers great promise in treating genetic disease, but Christians should also be vigilant. While this technology should be used to repair genetic defects, it should not be used to confer the role of creator on scientists.

A related issue in the field of biotechnology is human cloning. It appears that the cloning of a human being will no doubt take place some time in the future since many other mammals have been cloned. Proponents of human cloning argue that it would be a worthwhile scientific endeavor for at least three reasons. First, cloning could be used to produce spare

parts. The clone would be genetically identical to the original person, so that a donated organ would not be rejected by the immune system. Second, they argue that cloning might be a way to replace a lost child. A dying infant or child could be cloned so that a couple would replace the child with a genetically identical child. Third, cloning could produce biological immortality. One woman approached scientists in order to clone her deceased father and offered to carry the cloned baby to term herself.{13}

While cloning of various organisms may be permissible, cloning a human being raises significant questions beginning with the issue of the sanctity of life. Human beings are created in the image of God (Gen. 1:2728) and therefore differ from animals. Human cloning would certainly threaten the sanctity of human life at a number of levels. First, cloning is an inefficient process of procreation as shown in cloning of a sheep. Second, cloning would no doubt produce genetic accidents. Previous experiments with frogs produced numerous embryos that did not survive, and many of those that did survive developed into grotesque monsters. Third, researchers often clone human embryos for various experiments. Although the National Bioethics Advisory Commission did ban cloning of human beings, it permitted the cloning of human embryos for research. Since these embryos are ultimately destroyed, this research raises the same pro-life concerns discussed in the chapter on abortion.

Cloning represents a tampering with the reproductive process at the most basic level. Cloning a human being certainly strays substantially from God's intended procedure of a man and woman producing children within the bounds of matrimony (Gen. 2:24). All sorts of bizarre scenarios can be envisioned. Some homosexual advocates argue that cloning would be an ideal way for homosexual men to reproduce themselves.

Although this would be an alternative form of reproduction, it is reasonable to believe that human clones would still be

fully human. For example, some people wonder if a clone would have a soul since this would be such a diversion from God's intended process of procreation. A traducian view of the origin of the soul, where a person receives both body and soul from his parents rather than an act of special creation by God, would imply that a cloned human being would have a soul. In a sense a clone would be no different from an identical twin.

Human cloning, like other forms of genetic engineering, could be used to usher in a "brave new world." James Bonner says "there is nothing to prevent us from taking a thousand [cells]. We could grow any desired number of genetically identical people from individuals who have desirable characteristics." {14} Such a vision conjures up images of Alphas, Betas, Gammas, and Deltas from Aldous Huxley's book Brave New World and provides a dismal contrast to God's creation of each individual as unique.

Each person contributes to both the unity and diversity of humanity. This is perhaps best expressed by the Jewish Midrash: "For a man stamps many coins in one mold and they are all alike; but the King who is king over all kings, the Holy One blessed be he, stamped every man in the mold of the first man, yet not one of them resembles his fellow." {15} Christians should reject future research plans to clone a human being and should reject using cloning as an alternative means of reproduction.

#### The Challenge of Information Technology

The information revolution is the latest technological advance Christians must consider. The shift to computers and an information-based society has been swift as well as spectacular. The first electronic digital computer, ENIAC, weighed thirty tons, had 18,000 vacuum tubes, and occupied a space as large as a boxcar. {16} Less than forty years later, many hand-held calculators had comparable computing power for

a few dollars. Today most people have a computer on their desk with more computing power than engineers could imagine just a few years ago.

The impact of computers on our society was probably best seen when in 1982 *Time* magazine picked the computer as its "Man of the Year"—actually listing it as "Machine of the Year." {17} It is hard to imagine a picture of the Spirit of St. Louis or an Apollo lander on the magazine cover under a banner "Machine of the Year." This perhaps shows how influential the computer has become in our society.

The computer has become helpful in managing knowledge at a time when the amount of information is expanding exponentially. The information stored in the world's libraries and computers doubles every eight years. {18} In a sense the computer age and the information age seem to go hand in hand.

The rapid development and deployment of computing power however has also raised some significant social and moral questions. People in this society need to think clearly about these issues, but often ignore them or become confused.

One key issue is computer crime. In a sense computer fraud is merely a new field with old problems. Computer crimes are often nothing more than fraud, larceny, and embezzlement carried out by more sophisticated means. The crimes usually involve changing address, records, or files. In short, they are old-fashioned crimes using high technology.

Another concern arises from the centralization of information. Governmental agencies, banks, and businesses use computers to collect information on its citizens and customers. For example, it is estimated that the federal government has on average about fifteen files on each American. {19} Nothing is inherently wrong with collecting information if the information can be kept confidential and is not used for immoral actions. Unfortunately this is often difficult to

guarantee.

In an information-based society, the centralization of information can be as dangerous as the centralization of power. Given sinful man in a fallen world, we should be concerned about the collection and manipulation of vast amounts of personal information.

In the past, centralized information processing was used for persecution. When Adolf Hitler's Gestapo began rounding up millions of Jews, information about their religious affiliation was stored in shoe boxes. U.S. Census Bureau punch cards were used to round up Japanese Americans living on the West Coast at the beginning of World War II.{20} Modern technology makes this task much easier. Governmental agencies routinely collect information about citizens' ethnic origin, race, religion, gross income, and even political preference.

Moreover, the problem it not limited to governmental agencies. Many banking systems, for example, utilize electronic fundstransfer systems. Plans to link these systems together into a national system could also provide a means of tracking the actions of citizens. A centralized banking network could fulfill nearly every information need a malevolent dictator might have. This is not to say that such a thing will happen. It does mean, however, that societies that want to monitor their citizens will be able to do so more efficiently with computer technology.

A related problem arises from the confidentiality of computer records. Computer records can be abused like any other system. Reputations built up over a lifetime can be ruined by computer errors and often there is little recourse for the victim. Congress passed the 1974 Privacy Act which allows citizens to find out what records federal bureaucracies have on them and to correct any errors. {21} But more legislation is needed than this particular act.

The proliferation of computers has presented another set of social and moral concerns. In the recent past most of that information was centralized and required the expertise of the "high priests of FORTRAN" to utilize it. Now most people have access to information because of increasing numbers of personal computers and increased access to information through the Internet. This access to information will have many interesting sociological ramifications, and it is also creating a set of troubling ethical questions. The proliferation of computers that can tie into other computers provides more opportunities for computerized crime.

The news media frequently carry reports about computer "hackers" who have been able to gain access to confidential computer systems and obtain or interfere with the data banks. Although these were supposed to be secure systems, enterprising computer hackers broke in anyway. In many cases this merely involved curious teenagers. Nevertheless computer hacking has become a developing area of crime. Criminals might use computer access to forge documents, change records, and draft checks. They can even use computers for blackmail by holding files for ransom and threatening to destroy them if their demands are not met. Unless better methods of security are found, professional criminals will begin to crack computer security codes and gain quick access into sensitive files.

As with most technological breakthroughs, engineers have outrun lawmakers. Computer deployment has created a number of legal questions. First, there is the problem of establishing penalties of computer crime. Typically, intellectual property has a different status in our criminal justice system. Legal scholars should evaluate the notion that ideas and information need not be protected in the same way as property. Legislators need to enact computer information protection laws that will deter criminals, or even curious computer hackers, from breaking into confidential records.

A second legal problem arises from the question of

jurisdiction. Telecommunications allows information to be shared across state and even national borders. Few federal statutes govern this area and less than half the states have laws dealing with information abuse.

Enforcement will also be a problem for several reasons. One reason is the previously stated problem of jurisdiction. Another is that police departments rarely train their personnel in computer abuse and fraud. A third reason is lack of personnel. Computers are nearly as ubiquitous as telephones or photocopiers.

Computer fraud also raises questions about the role of insurance companies. How do companies insure an electronic asset? What value does computer information have? These questions also need to be addressed in the future.

#### Technology and Human Nature

These new technologies will also challenge our views of human nature. Already medical technology is challenging our views of what it means to be human. A key question in the abortion debate is, When does human life begin? Is an embryo human? What about a developing fetus? Although the Bible provides answers to these questions, society often takes its cue from pronouncements that do not square with biblical truth.

Biotechnology raises yet another set of questions. Is a frozen embryo human and deserving of a right to life? Is a clone human? Would a clone have a soul? These and many more questions will have to be answered. Although the Bible doesn't directly address such issues as genetically engineered humans or clones, key biblical passages (Ps. 139, Ps. 51:5) certainly seem to teach that an embryo is a human created in the image of God.

Information technology also raises questions about human nature in an unexpected way. Researchers believe that as

computer technology advances, we will begin to analyze the human mind in physical terms. In *The Society of Mind*, Marvin Minsky, professor at the Massachusetts Institute of Technology, says that "the mind, the soul, the self, are not a singly ghostly entity but a society of agents, deeply integrated, yet each one rather mindless on its own." {22} He dreams of being able ultimately to reduce mind (and therefore human nature) to natural mechanism. Obviously this is not an empirical statement, but a metaphysical one that attempts to reduce everything (including mind) to matter.

Will we some day elevate computers to the level of humanity? One article asked the question, Would an Intelligent Computer Have a "Right to Life?" {23} Granting computer rights might be something society might consider since many are already willing to grant certain rights to animals.

In a sense the question is whether an intelligent computer would have a soul and therefore access to fundamental human rights. As bizarre as the question may sound, it was no doubt inevitable. When 17th century philosopher Gottfried Wilhelm von Leibniz first described a thinking machine, he was careful to point out that this machine would not have a soul—fearful perhaps of reaction from the church. Already scientists predict that computer intelligence will create "an intelligence beyond man's" and provide wonderful new capabilities. {25} One of the great challenges in the future will be how to manage new computing power that will outstrip human intelligence.

Once again this is a challenge for Christians in the 21 st century. Human beings are more than just proteins and nucleic acids. Human being are more than bits and bytes. We are created in the image of God and therefore have a spiritual dimension. Perhaps this must be our central message to a world enamored with technology: human beings are created in the image of God and must be treated with dignity and respect.

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## Dietrich Bonhoeffer - A Christian Voice and Martyr

Todd Kappelman presents a stirring overview of Dietrich Bonhoffer looking at both his life experience standing against the Nazis and some of his key perspectives on the true Christian life. He was a thought provoking voice for Christianity as well as a famous martyr.

This article is also available in **Spanish**.

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# Dietrich Bonhoeffer, The Man and His Mission

Since his death in 1945, and especially in the last ten years, Bonhoeffer's writings have been stirring remarkable interest among Christians, old and young alike. Thus, we are going to examine the merits of reading the works of Dietrich Bonhoeffer. We will do this by examining the man and his particular place in the canon of Christian writers, his background and historical setting, and finally three of his most important and influential works.

Bonhoeffer's importance begins with his opposition to the Nazi party and its influence in the German church during the rise of Hitler. This interest led him into areas of Christian ecumenical concerns that would later be important to the foundation of our contemporary ecumenical movements. Many denominational factions and various groups claim him as their spokesman, but it's his remarkable personal life, and his

authorship of difficult devotional and academic works, which have gained him a place in the history of twentieth century theology.

Bonhoeffer was born on February 4, 1906 in Breslau, Germany (now part of Poland) and had a twin sister named Sabine. In 1933, before Hitler came to power, Bonhoeffer, a minister in the Lutheran church, was already attacking the Nazis in radio broadcasts. Two years later he was the leader of an underground seminary with over twenty young seminarians. That seminary is often seen as a kind of Protestant monastery, and is responsible for many of his considerations about the Christian life as it pertains to community. Later the seminary was closed by the Secret Police. In 1939, through arrangements made by Reinhold Niebuhr, he fled to the United States, but returned to Germany after a short stay. He believed it was necessary to suffer with his people if he was to be an effective minister after the war. The last two years of his life were spent in a Berlin prison. In 1945 he was executed for complicity in a plot on Hitler's life.

During the time that Bonhoeffer was in prison he wrote a book titled Letters and Papers from Prison. The manuscript was smuggled from jail and published. These letters contain Bonhoeffer's consideration of the secularization of the world and the departure from religion in the twentieth century. In Bonhoeffer's estimation, the dependence on organized religion had undermined genuine faith. Bonhoeffer would call for a new religionless Christianity free from individualism and metaphysical supernaturalism. God, argued Bonhoeffer, must be known in this world as he operates and interacts with man in daily life. The abstract God of philosophical and theological speculation is useless to the average man on the street, and they are the majority who needs to hear the gospel.

We will examine three of Bonhoeffer's most influential and important works in the following four sections. The first work to be considered will be *The Cost of Discipleship*, written in

1939. This work is an interpretation of The Sermon on the Mount. It calls for radical living, if the Christian is to be an authentic disciple of Christ. The *Ethics*, written from 1940-1943, is Bonhoeffer's most technical theological exposition. It details the problems in attempting to build an ethical foundation on philosophical or theoretical grounds. Then we will examine more thoroughly *Letters and Papers from Prison*, one of Bonhoeffer's most personal and moving achievements.

### The Cost of Discipleship

Bonhoeffer's most famous work is *The Cost of Discipleship*, first published in 1939. This book is a rigorous exposition and interpretation of the Sermon on the Mount, and Matthew 9:35-10:42. Bonhoeffer's major concern is *cheap grace*. This is grace that has become so watered down that it no longer resembles the grace of the New Testament, the *costly grace* of the Gospels.

By the phrase *cheap grace*, Bonhoeffer means the grace which has brought chaos and destruction; it is the intellectual assent to a doctrine without a real transformation in the sinner's life. It is the justification of the sinner without the works that should accompany the new birth. Bonhoeffer says of cheap grace:

[It] is the preaching of forgiveness without requiring repentance, baptism without church discipline, Communion without confession, absolution without personal confession. Cheap grace is grace without discipleship, grace without the cross, grace without Jesus Christ, living and incarnate. {1}

Real grace, in Bonhoeffer's estimation, is a grace that will cost a man his life. It is the grace made dear by the life of Christ that was sacrificed to purchase man's redemption. Cheap

grace arose out of man's desire to be saved, but to do so without becoming a disciple. The doctrinal system of the church with its lists of behavioral codes becomes a substitute for the Living Christ, and this cheapens the meaning of discipleship. The true believer must resist cheap grace and enter the life of active discipleship. Faith can no longer mean sitting still and waiting; the Christian must rise and follow Christ.{2}

It is here that Bonhoeffer makes one of his most enduring claims on the life of the true Christian. He writes that "only he who believes is obedient, and only he who is obedient believes." [3] Men have become soft and complacent in cheap grace and are thus cut off from the discovery of the more costly grace of self-sacrifice and personal debasement. Bonhoeffer believed that the teaching of cheap grace was the ruin of more Christians than any commandment of works. [4]

Discipleship, for Bonhoeffer, means strict adherence to Christ and His commandments. It is also a strict adherence to Christ as the object of our faith. Bonhoeffer discusses this single-minded obedience in chapter three of *The Cost of Discipleship*. In this chapter, the call of Levi and Peter are used to illustrate the believer's proper response to the call of Christ and the Gospel. [5] The only requirement these men understood was that in each case the call was to rely on Christ's word, and cling to it as offering greater security than all the securities in the world. [6]

In the nineteenth chapter of Matthew's Gospel we have the story of the rich young man who is inquiring about salvation and is told by Christ that he must sell all of his possessions, take up his cross, and follow. Bonhoeffer emphasizes the bewilderment of the disciples who ask the question, "Who then can be saved?" The answer they are given is that it is extremely hard to be saved, but with God all things are possible.

#### Bonhoeffer and the Sermon on the Mount

The exposition of the Sermon on the Mount is another important element of *The Cost of Discipleship*. In it, Bonhoeffer places special emphasis on the beatitudes for understanding the incarnate and crucified Christ. It is here that the disciples are called "blessed" for an extraordinary list of qualities.

The poor in spirit have accepted the loss of all things, most importantly the loss of self, so that they may follow Christ. Those who mourn are the people who do without the peace and prosperity of this world. {8} Mourning is the conscious rejection of rejoicing in what the world rejoices in, and finding one's happiness and fulfillment only in the person of Christ.

The meek, says Bonhoeffer, are those who do not speak up for their own rights. They continually subordinate their rights and themselves to the will of Christ first, and in consequence to the service of others. Likewise, those who hunger and thirst after righteousness also renounce the expectation that man can eventually make the world into paradise. Their hope is in the righteousness that only the reign of Christ can bring.

The merciful have given up their own dignity and become devoted to others, helping the needy, the infirm, and the outcasts. The pure in heart are no longer troubled by the call of this world, they have resigned themselves to the call of Christ and His desires for their lives. The peacemakers abhor the violence that is so often used to solve problems. This point would be of special significance for Bonhoeffer, who was writing on the eve of World War II. The peacemakers maintain fellowship where others would find a reason to break off a relationship. These individuals always see another option. {9}

Those who are persecuted for righteousness' sake are willing to suffer for the cause of Christ. Any and every just cause becomes their cause because it is part of the overall work of Christ. Suffering becomes the way to communion with God. {10} To this list is added the final blessing pronounced on those who are persecuted for righteousness sake. These will receive a great reward in heaven and be likened to the prophets who also suffered.

Bonhoeffer's emphasis on suffering is directly connected to the suffering of Christ. The church is called to bear the whole burden of Christ, especially as it pertains to suffering, or it must collapse under the weight of the burden. {11} Christ has suffered, says Bonhoeffer, but His suffering is efficacious for the remission of sins. We may also suffer, but our suffering is not for redemptive purposes. We suffer, says Bonhoeffer, not only because it is the church's lot, but so that the world may see us suffering and understand that there is a way that men can bear the burdens of life, and that way is through Christ alone.

Discipleship for Bonhoeffer was not limited to what we can comprehend—it must transcend all comprehension. The believer must plunge into the deep waters beyond the comprehension and everyday teaching of the church, and this must be done individually and collectively.

#### Bonhoeffer's Ethics

Dietrich Bonhoeffer's work *Ethics* was written from 1940-1943. Intended as lectures, this is his most mature work and is considered to be his major contribution to theology. {12} Christian ethics, he says, must be considered with reference to the regenerated man whose chief desire should be to please God, not with the man who is concerned with an airtight philosophical system. Man is not, and cannot, be the final arbitrator of good and evil. This is reserved for God alone. When man tries to decide what is right and wrong his efforts are doomed to failure. Bonhoeffer wrote that "instead of knowing only the God who is good to him and instead of knowing all things in Him, [man] knows only himself as the origin of

good and evil."{13} With this statement, Bonhoeffer entered one of the most difficult philosophical and theological problems in the history of the church: the problem of evil.

Bonhoeffer believed that the problem of evil could only be understood in light of the Fall of mankind. The Fall caused the disunion of man and God with the result that man is incapable of discerning right and wrong. {14} Modern men have a vague uneasiness about their ability to know right and wrong. Bonhoeffer asserted this is in part due to the desire for philosophical certainty. However, Bonhoeffer urged the Christian to be concerned with living the will of God rather than finding a set of rules one may follow. {15} And while Bonhoeffer was not advocating a direct and individual revelation in every ethical dilemma, he did believe that man can have knowledge of the will of God. He said that "if a man asks God humbly God will give him certain knowledge of His will; and then, after all this earnest proving there will be the freedom to make real decisions, and [this] with the confidence that it is not man but God Himself who through this proving gives effect to His will."{16}

Perhaps our first response to Bonhoeffer is that he appears to be some sort of mystic. However, it is imperative to understand the time in which he was writing, and some of the specific problems he was addressing. World War II was raging and the greatest ethical questions of the century were confronting the church. Good men, and even committed Christians, found themselves on opposing sides of the war. It would be ludicrous to suppose that right and wrong on individual or national levels was obvious, and that there was universal agreement among Christians. In the midst of all of this confusion a young pastor-theologian and member of the Resistance could only advise that believers turn to Christ with the expectation that true answers were obtainable. Such confidence is sorely needed among Christians who face a world devoid of answers.

The strength of Bonhoeffer's *Ethics* lies not in its systematic resolution of problems facing the church, but rather the acknowledgment that life is complex and that all systems outside of humble submission to the Word of God are doomed to failure. As unsettling as Bonhoeffer's *Ethics* may be, it is a refreshing call to the contemporary church to repent and return to a life characterized by prayer, the traditional mark of the early church.

## Dietrich Bonhoeffer's Prison Correspondence

Our final consideration of the work of Dietrich Bonhoeffer, who was hanged in 1945 for his part in an assassination attempt on Hitler, will center on his *Letters and Papers from Prison* begun in 1942. These letters represent some of Bonhoeffer's most mature work, as well as troubling observations concerning the church in the turbulent middle years of the twentieth century.

The opening essay is titled *After Ten Years*. Here Bonhoeffer identifies with the evil of the times, and especially the war. He speaks of the unreasonable situations which reasonable people must face. He warns against those who are deceived by evil that is disguised as good, and he cries out against misguided moral fanatics and the slaves of tradition and rules.

In viewing the horrors of war, Bonhoeffer reminds us that what we despise in others is never entirely absent from ourselves. {17} This warning against contempt for humanity is very important in light of authors such as Ernest Hemingway, Jean Paul Sartre, and Albert Camus, whose contempt for the war turned into disillusion with humanity. This is a striking contrast between several witnesses to the war who came to very different conclusions. Bonhoeffer's conclusions were the direct result of a personal relationship with Christ. The

conclusions of Hemingway, Sartre, and Camus were the pessimistic observations of those without a final hope.

Bonhoeffer faced death daily for many years and came to some bold conclusions concerning how believers might posture themselves toward this ultimate event. He argued that one could experience the miracle of life by facing death daily; life could actually be seen as the gift of God that it is. It is we ourselves, and not our outward circumstances, who make death potentially positive. Death can be something voluntarily accepted. {18}

The final question posed in this opening essay is whether it is possible for plain and simple men to prosper again after the war. {19} Bonhoeffer does not offer a clear solution, which may be seen as an insight into the true horrors of the war, as well as an open-ended question designed to illicit individual involvement in the problem.

Long before movies like Schindler's List, Saving Private Ryan, or The Thin Red Line, Bonhoeffer reported on the atrocities of the war. Some of the letters discuss the brutality and horrors of life in the prison camps, and one can certainly ascertain the expectation of execution in many of his letters. The thing that makes these letters so much more important than the popular films is that the letters are undoubtedly the confessions of one who is looking at the war as a Christian. Bonhoeffer was able to empathize with the problems faced by Christians living in such turbulent times.

Bonhoeffer's significance is difficult to assess completely and accurately, but two observations may help as we come to an end of our examination of his work. {20} We must always bear in mind the time of his writings. This explains much that we might at first not understand. Finally, any Christian would do well to read the works of one who gave his life in direct connection with his Christian convictions. There have been many martyrs in this century, but few who so vividly recorded

the circumstances that lead to their martyrdom with both theological astuteness and a vision for future posterity.

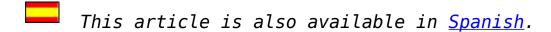
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- 1. Dietrich Bonhoeffer, *The Cost of Discipleship*, trans. R.H. Fuller, rev. ed. (New York: Macmillan, 1960), 30.
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  \textstyle Dietrich Bonhoeffer. Another excellent book for those interested in his life is the biography by Mary \[
  \textstyle Bosanquet, \)
  The Life and Death of Dietrich Bonhoeffer. These books are full of details about the personal life \[
  \textstyle of Bonhoeffer and offer great insights into his Christian life.

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# Euthanasia: A Christian Perspective

Kerby Anderson looks at euthanasia from a distinctly Christian perspective. Applying a biblical view gives us clear understanding that we are not lord of our own life or anyone elses.



Debate over euthanasia is not a modern phenomenon. The Greeks carried on a robust debate on the subject. The Pythagoreans opposed euthanasia, while the Stoics favored it in the case of incurable disease. Plato approved of it in cases of terminal illness.(1) But these influences lost out to Christian principles as well as the spread of acceptance of the Hippocratic Oath: "I will neither give a deadly drug to anybody if asked for it, nor will I make a suggestion to that effect."

In 1935 the Euthanasia Society of England was formed to promote the notion of a painless death for patients with incurable diseases. A few years later the Euthanasia Society of America was formed with essentially the same goals. In the last few years debate about euthanasia has been advanced by two individuals: Derek Humphry and Dr. Jack Kevorkian.

Derek Humphry has used his prominence as head of the Hemlock Society to promote euthanasia in this country. His book Final Exit: The Practicalities of Self-Deliverance and Assisted Suicide for the Dying became a bestseller and further influenced public opinion.

Another influential figure is Jack Kevorkian, who has been

instrumental in helping people commit suicide. His book Prescription Medicide: The Goodness of Planned Death promotes his views of euthanasia and describes his patented suicide machine which he calls "the Mercitron." He first gained national attention by enabling Janet Adkins of Portland, Oregon, to kill herself in 1990. They met for dinner and then drove to a Volkswagen van where the machine waited. He placed an intravenous tube into her arm and dripped a saline solution until she pushed a button which delivered first a drug causing unconsciousness, and then a lethal drug that killed her. Since then he has helped dozens of other people do the same.

Over the years, public opinion has also been influenced by the tragic cases of a number of women described as being in a "persistent vegetative state." The first was Karen Ann Quinlan. Her parents, wanting to turn the respirator off, won approval in court. However, when it was turned off in 1976, Karen continued breathing and lived for another ten years. Another case was Nancy Cruzan, who was hurt in an automobile accident in 1983. Her parents went to court in 1987 to receive approval to remove her feeding tube. Various court cases ensued in Missouri, including her parents' appeal that was heard by the Supreme Court in 1990. Eventually they won the right to pull the feeding tube, and Nancy Cruzan died shortly thereafter.

Seven years after the Cruzan case, the Supreme Court had occasion to rule again on the issue of euthanasia. On June 26, 1997 the Supreme Court rejected euthanasia by stating that state laws banning physician-assisted suicide were constitutional. Some feared that these cases (Glucksburg v. Washington and Vacco v. Quill) would become for euthanasia what Roe v. Wade became for abortion. Instead, the justices rejected the concept of finding a constitutional "right to die" and chose not to interrupt the political debate (as Roe v. Wade did), and instead urged that the debate on euthanasia continue "as it should in a democratic society."

### Voluntary, Active Euthanasia

It is helpful to distinguish between mercy-killing and what could be called mercy-dying. Taking a human life is not the same as allowing nature to take its course by allowing a terminal patient to die. The former is immoral (and perhaps even criminal), while the latter is not.

However, drawing a sharp line between these two categories is not as easy as it used to be. Modern medical technology has significantly blurred the line between hastening death and allowing nature to take its course.

Certain analgesics, for example, ease pain, but they can also shorten a patient's life by affecting respiration. An artificial heart will continue to beat even after the patient has died and therefore must be turned off by the doctor. So the distinction between actively promoting death and passively allowing nature to take its course is sometimes difficult to determine in practice. But this fundamental distinction between life-taking and death- permitting is still an important philosophical distinction.

Another concern with active euthanasia is that it eliminates the possibility for recovery. While this should be obvious, somehow this problem is frequently ignored in the euthanasia debate. Terminating a human life eliminates all possibility of recovery, while passively ceasing extraordinary means may not. Miraculous recovery from a bleak prognosis sometimes occurs. A doctor who prescribes active euthanasia for a patient may unwittingly prevent a possible recovery he did not anticipate.

A further concern with this so-called voluntary, active euthanasia is that these decisions might not always be freely made. The possibility for coercion is always present. Richard D. Lamm, former governor of Colorado, said that elderly, terminally ill patients have "a duty to die and get out of the way." Though those words were reported somewhat out of

context, they nonetheless illustrate the pressure many elderly feel from hospital personnel.

The Dutch experience is instructive. A survey of Dutch physicians was done in 1990 by the Remmelink Committee. They found that 1,030 patients were killed without their consent. Of these, 140 were fully mentally competent and 110 were only slightly mentally impaired. The report also found that another 14,175 patients (1,701 of whom were mentally competent) were denied medical treatment without their consent and died.(2)

A more recent survey of the Dutch experience is even less encouraging. Doctors in the United States and the Netherlands have found that though euthanasia was originally intended for exceptional cases, it has become an accepted way of dealing with serious or terminal illness. The original guidelines (that patients with a terminal illness make a voluntary, persistent request that their lives be ended) have been expanded to include chronic ailments and psychological distress. They also found that 60 percent of Dutch physicians do not report their cases of assisted suicide (even though reporting is required by law) and about 25 percent of the physicians admit to ending patients' lives without their consent.(3)

### Involuntary, Active Euthanasia

Involuntary euthanasia requires a second party who makes decisions about whether active measures should be taken to end a life. Foundational to this discussion is an erosion of the doctrine of the sanctity of life. But ever since the Supreme Court ruled in *Roe v. Wade* that the life of unborn babies could be terminated for reasons of convenience, the slide down society's slippery slope has continued even though the Supreme Court has been reluctant to legalize euthanasia.

The progression was inevitable. Once society begins to devalue the life of an unborn child, it is but a small step to begin to do the same with a child who has been born. Abortion slides naturally into infanticide and eventually into euthanasia. In the past few years doctors have allowed a number of so-called "Baby Does" to die—either by failing to perform lifesaving operations or else by not feeding the infants.

The progression toward euthanasia is inevitable. Once society becomes conformed to a "quality of life" standard for infants, it will more willingly accept the same standard for the elderly. As former Surgeon General C. Everett Koop has said, "Nothing surprises me anymore. My great concern is that there will be 10,000 Grandma Does for every Baby Doe."(4)

Again the Dutch experience is instructive. In the Netherlands, physicians have performed involuntary euthanasia because they thought the family had suffered too much or were tired of taking care of patients. American surgeon Robin Bernhoft relates an incident in which a Dutch doctor euthanized a twenty-six-year-old ballerina with arthritis in her toes. Since she could no longer pursue her career as a dancer, she was depressed and requested to be put to death. The doctor complied with her request and merely noted that "one doesn't enjoy such things, but it was her choice."(5)

### Physician-Assisted Suicide

In recent years media and political attention has been given to the idea of physician-assisted suicide. Some states have even attempted to pass legislation that would allow physicians in this country the legal right to put terminally ill patients to death. While the Dutch experience should be enough to demonstrate the danger of granting such rights, there are other good reasons to reject this idea.

First, physician-assisted suicide would change the nature of the medical profession itself. Physicians would be cast in the role of killers rather than healers. The Hippocratic Oath was written to place the medical profession on the foundation of healing, not killing. For 2,400 years patients have had the assurance that doctors follow an oath to heal them, not kill them. This would change with legalized euthanasia.

Second, medical care would be affected. Physicians would begin to ration health care so that elderly and severely disabled patients would not be receiving the same quality of care as everyone else. Legalizing euthanasia would result in less care, rather than better care, for the dying.

Third, legalizing euthanasia through physician-assisted suicide would effectively establish a right to die. The Constitution affirms that fundamental rights cannot be limited to one group (e.g., the terminally ill). They must apply to all. Legalizing physician-assisted suicide would open the door to anyone wanting the "right" to kill themselves. Soon this would apply not only to voluntary euthanasia but also to involuntary euthanasia as various court precedents begin to broaden the application of the right to die to other groups in society like the disabled or the clinically depressed.

### **Biblical Analysis**

Foundational to a biblical perspective on euthanasia is a proper understanding of the sanctity of human life. For centuries Western culture in general and Christians in particular have believed in the sanctity of human life. Unfortunately, this view is beginning to erode into a "quality of life" standard. The disabled, retarded, and infirm were seen as having a special place in God's world, but today medical personnel judge a person's fitness for life on the basis of a perceived quality of life or lack of such quality.

Now patients are evaluated and life-saving treatment is frequently denied, based on a subjective and arbitrary standard for the supposed quality of life. If a life is judged not worthy to be lived any longer, people feel obliged to end

that life.

The Bible teaches that human beings are created in the image of God (Gen. 1:26) and therefore have dignity and value. Human life is sacred and should not be terminated merely because life is difficult or inconvenient. Psalm 139 teaches that humans are fearfully and wonderfully made. Society must not place an arbitrary standard of quality above God's absolute standard of human value and worth. This does not mean that people will no longer need to make difficult decisions about treatment and care, but it does mean that these decisions will be guided by an objective, absolute standard of human worth.

The Bible also teaches that God is sovereign over life and death. Christians can agree with Job when he said, "The Lord gave and the Lord has taken away. Blessed be the name of the Lord" (Job 1:21). The Lord said, "See now that I myself am He! There is no god besides me. I put to death and I bring to life, I have wounded and I will heal, and no one can deliver out of my hand" (Deut. 32:39). God has ordained our days (Ps. 139:16) and is in control of our lives.

Another foundational principle involves a biblical view of life- taking. The Bible specifically condemns murder (Exod. 20:13), and this would include active forms of euthanasia in which another person (doctor, nurse, or friend) hastens death in a patient. While there are situations described in Scripture in which life-taking may be permitted (e.g., self-defense or a just war), euthanasia should not be included with any of these established biblical categories. Active euthanasia, like murder, involves premeditated intent and therefore should be condemned as immoral and even criminal.

Although the Bible does not specifically speak to the issue of euthanasia, the story of the death of King Saul (2 Sam. 1:9-16) is instructive. Saul asked that a soldier put him to death as he lay dying on the battlefield. When David heard of this act, he ordered the soldier put to death for "destroying"

the Lord's anointed." Though the context is not euthanasia per se, it does show the respect we must show for a human life even in such tragic circumstances.

Christians should also reject the attempt by the modern euthanasia movement to promote a so-called "right to die." Secular society's attempt to establish this "right" is wrong for two reasons. First, giving a person a right to die is tantamount to promoting suicide, and suicide is condemned in the Bible. Man is forbidden to murder and that includes murder of oneself. Moreover, Christians are commanded to love others as they love themselves (Matt. 22:39; Eph. 5:29). Implicit in the command is an assumption of self-love as well as love for others.

Suicide, however, is hardly an example of self-love. It is perhaps the clearest example of self-hate. Suicide is also usually a selfish act. People kill themselves to get away from pain and problems, often leaving those problems to friends and family members who must pick up the pieces when the one who committed suicide is gone.

Second, this so-called "right to die" denies God the opportunity to work sovereignly within a shattered life and bring glory to Himself. When Joni Eareckson Tada realized that she would be spending the rest of her life as a quadriplegic, she asked in despair, "Why can't they just let me die?" When her friend Diana, trying to provide comfort, said to her, "The past is dead, Joni; you're alive," Joni responded, "Am I? This isn't living."(6) But through God's grace Joni's despair gave way to her firm conviction that even her accident was within God's plan for her life. Now she shares with the world her firm conviction that "suffering gets us ready for heaven."(7)

The Bible teaches that God's purposes are beyond our understanding. Job's reply to the Lord shows his acknowledgment of God's purposes: "I know that you can do all things; no plan of yours can be thwarted. You asked, 'Who is

this that obscures my counsel without knowledge?' Surely I spoke of things I did not understand, things too wonderful for me to know" (Job 42:2-3). Isaiah 55:8-9 teaches, "For my thoughts are not your thoughts, neither are your ways my ways, declares the Lord. As the heavens are higher than the earth, so are my ways higher than your ways and my thoughts than your thoughts."

Another foundational principle is a biblical view of death. Death is both unnatural and inevitable. It is an unnatural intrusion into our lives as a consequence of the fall (Gen. 2:17). It is the last enemy to be destroyed (1 Cor. 15:26, 56). Therefore Christians can reject humanistic ideas that assume death as nothing more than a natural transition. But the Bible also teaches that death (under the present conditions) is inevitable. There is "a time to be born and a time to die" (Eccles. 3:2). Death is a part of life and the doorway to another, better life.

When does death occur? Modern medicine defines death primarily as a biological event; yet Scripture defines death as a spiritual event that has biological consequences. Death, according to the Bible, occurs when the spirit leaves the body (Eccles. 12:7; James 2:26).

Unfortunately this does not offer much by way of clinical diagnosis for medical personnel. But it does suggest that a rigorous medical definition for death be used. A comatose patient may not be conscious, but from both a medical and biblical perspective he is very much alive, and treatment should be continued unless crucial vital signs and brain activity have ceased.

On the other hand, Christians must also reject the notion that everything must be done to save life at all costs. Believers, knowing that to be at home in the body is to be away from the Lord (2 Cor. 5:6), long for the time when they will be absent from the body and at home with the Lord (5:8). Death is gain

for Christians (Phil. 1:21). Therefore they need not be so tied to this earth that they perform futile operations just to extend life a few more hours or days.

In a patient's last days, everything possible should be done to alleviate physical and emotional pain. Giving drugs to a patient to relieve pain is morally justifiable. Proverbs 31:6 says, "Give strong drink to him who is perishing, and wine to him whose life is bitter." As previously mentioned, some analgesics have the secondary effect of shortening life. But these should be permitted since the primary purpose is to relieve pain, even though they may secondarily shorten life.

Moreover, believers should provide counsel and spiritual care to dying patients (Gal. 6:2). Frequently emotional needs can be met both in the patient and in the family. Such times of grief also provide opportunities for witnessing. Those suffering loss are often more open to the gospel than at any other time.

Difficult philosophical and biblical questions are certain to continue swirling around the issue of euthanasia. But in the midst of these confusing issues should be the objective, absolute standards of Scripture, which provide guidance for the

#### **Notes**

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## **Business and Ethics**

This essay grapples with some of the problems Christians face trying to operate ethically in today's business world.

This article is also available in <u>Spanish</u>.

Can "business" and "ethics" be used in the same sentence?

A while back, a member of the Probe lecture team was invited to speak on the topic of "Business Ethics" in a class at Colorado State University. When the Probe speaker arrived at the classroom, the professor explained that the reason the class chose to have him speak on this topic was their overwhelming sense of curiosity. They could not comprehend how the words business and ethics could be used in the same title.

Business enterprise has received a very diverse review from the ethicists of this generation. In the "Me First" era of the 80s, there was very little concern for ethics in the world of business, and you would have been hard pressed to find a university that dealt seriously with the need for ethics in its business school curriculum. A case in point concerns John Shad, former chairman of the Securities and Exchange Commission. He donated \$35 million dollars to the Harvard

Business School to establish an ethics department. Yet two years later, Harvard had only come up with one rather flimsy-sounding course, and they had been unable to find an ethicist to head up the department. (1)

The 90s saw an awakening to the need for ethics because of the many scandals that were beginning to erupt within the world of business and finance, moral failures such as the disgraceful actions that brought down Michael Milken and Ivan Boesky. The problem is that in the 90s, the concern for ethics has not returned us to any absolute standard of ethics, but rather to a search for relative balance between ethics and the bottom line or personal values. The following statement by a state representative from Tennessee demonstrates this tendency all too well. While explaining why he was for fair trade price controls on milk, but against it for liquors, he said, "I've got 423 dairy farmers in my district, and I've got to rise above principle."

Often, today, the highest ethic is "tolerance." By that, I don't mean the traditional view of tolerance in which one tries to recognize and respect other people's values without necessarily accepting those values as being correct. I'm talking about a whole new meaning to the word tolerance. Today the word is used in a way to imply that all values, beliefs, and claims to truth and life-styles are equal. It becomes extremely difficult to run a business when (1) you have to walk the tightrope of balancing everyone's values and (2) you are expected to treat all these values as equally valid. Our society today has lost its ability to determine what is right from what is wrong. Business enterprise requires a level of trust among the participants. Where is that trust going to come from if we have no common platform upon which to base our ethics and must rely, instead, on the assorted and conflicting individual values of whatever group we're a part of? This essay will grapple with some of the problems we must face as Christians in trying to operate in the business world, while

surrounded with people who believe their personal values are not subject to any higher standard than their own reasoning.

### Who Makes the Rules?

The fundamental question we need to address is, Who makes the rules, God or man? That is what the issue of ethics is all about. Either there is a source for what is morally right that is beyond ourselves, i.e., God, and that standard is absolute and universal, or we are left to ourselves to figure out what is right and what is wrong, if we can even agree among ourselves that there is a right and a wrong. If we were, in fact, left to ourselves, how could we say one person's values were any better than another's? In the age of the industrial and scientific revolution, people believed they could reason themselves toward better behavior, but today, having seen the horrors of what the industrial and scientific revolution has brought upon us, many have given up any hope of finding a unified answer for right and wrong. In fact, many now actually fear anyone who thinks that he or she has a handle on any absolute standard by which we might live.

Society has moved from a Christian base, which held that there is a source of ultimate truth, through modernism, which saw truth as relative to circumstances, duty, consequences, situations, etc., to post-modernism, which asserts that there is no truth, only the power to put forth one's values.

King Solomon, who was hailed as the wisest leader ever to govern any nation, said, "Be wise and give serious thought to the way you live." In all endeavors, including our work, we must realize that morality is the single most important guiding principle behind all that we do and say. Our morality molds our ultimate being, who we really are.

Today most professional organizations have a code of ethics. The problem is that their codes are often ignored or not made known. For example, a few years ago Probe was speaking in the

engineering department at Southern Methodist University. One of the students, after hearing the lecture on engineering ethics, came up to the speaker afterwards and said, "I have been an engineering student for four years, and this is the first time I ever heard that there was an engineering code of ethics."

There are some companies working hard to communicate to their employees a corporate goal and standard that puts forth biblical values. One company like this is the Servicemaster Company. Their corporate goals are: (1) Honor God in all we do, (2) Help people to develop, (3) Pursue excellence, and (4) Grow profitably. Notice that the profitability goal, although one of their four key goals, is listed last. Making a profit is a necessary goal, but there are things more important than surviving in this world. In fact, there are a lot of businesses that should shut down, for their only legitimate goal is that they do make a profit. In this regard, the vast pornography business comes to mind, not to mention state lotteries and all the other forms of gambling.

So, as an individual or a business, do our personal or corporate goals demonstrate a commitment to a standard beyond ourselves? Do we have a set of guidelines that helps us to steer a course that is straight and narrow in a world that is adrift—floating all over the ethical map? What we need are some guidelines that will help us to steer that straight and narrow course.

### Ethical Guidelines for the Real World

In his book, *Honesty, Morality & Conscience*, published by NavPress, (2) Jerry White gives us five excellent guidelines for conducting our business activities.

First, there is the guideline of a **just weight** as found in Deuteronomy 25:13-15. The principle of a just weight is to give a full amount in exchange for a fair payment. Another way

to look at it is to give full quality for what is paid for and according to what is advertised. We must accept responsibility for both the quality and the amount of our product or service. As a business owner, do I fairly represent my product or service? As an employee, do I give a full day's work for a full day's pay? Remember, as it says in Colossians 3:23, we are working for the Lord and not for men.

Second, the Lord demands our **total honesty**. Ephesians 4:25 calls upon us to speak the truth. Jerry White reminds us that, "Although we will frequently fail, our intent must be total honesty with our employer, our co-worker, our employees, and our customers."(3) This is a difficult principle to adhere to. James 3:2 says this is where we often fail, but if we can control our tongue we will be able to control the rest of our body as well. The Living Bible best sums it up in Romans 12:17 which says, "Do things in such a way that everyone can see you are honest clear through." We must ask ourselves, are we totally honest in reporting our use of time, money, and accomplishments?

The third principle is **being a servant**. Someone has said Christians like to be *called* servants, but don't appreciate being *treated* like servants. To serve God sounds glorious, but to serve others is another matter. As usual, Jesus Christ is our example. Matthew 20:28 says that Christ did not come to be served, but to serve others, in fact, to give up his life for others. The value of a business is its service. How well it serves the needs of its customers will determine its success. The business, in turn, is made up of people who must do the serving. The value of the employees is in how well they serve the customer's needs. This is putting the needs of others before our own and then trusting God to meet our needs in the process.

The fourth guideline is **personal responsibility**. We must take full responsibility for our own actions and decisions. We should not try to excuse our actions based on pressure within

our business or organization to do what we know is not right. We all fail at times to do what we know we should do. We must then accept the responsibility for what we have said or done and not try to pass that responsibility on to someone else or try to blame it on some set of circumstances. Romans 12:2 warns us about the danger of allowing the world to shape us into its mold.

Finally, there is the issue of **reasonable profits**. This principle is quite a bit harder to get a handle on, but it is still vital to have guidelines to follow. What is a reasonable profit? This is something each person has to deal with on his own. Luke 6:31 is a great help on this. It says that we should treat others the same way we would want to be treated. Put yourself in the other person's shoes and ask yourself how you would want to be treated in a particular situation. To the business person this is the price of our service or product above our cost. To the employee it is the amount of our wages for our service to the organization. Luke 3:14 says to be content with our wages, but the Bible also reminds the employer in 1 Timothy 5:18 that the laborer is worthy of his wages.

It is all too easy to rationalize our way around many of these principles, but God will hold us accountable in the end. Ultimately it is God whom we serve and to whom we must give account.

### The Cost of Living Ethically

The media is awash with reports of faulty business ethics: frauds, manipulations, thefts, industrial espionage, corruption, kickbacks, conspiracy, thefts, tax evasion, embezzling, and unfair competition proliferate. Either a lot more unethical acts are taking place today or those behaviors that have always existed are being exploited more in contemporary society. A Gallup report concluded that "you can't trust Americans as much as you used to." The Wall Street

Journal reported that churched persons appear only slightly more likely to walk the straight and narrow than their lesspious compatriots.

Why is it so hard to walk the straight and narrow in our business dealings? We are continually under the stress of performance on the job and in the competitive work environment. Often our very livelihood is threatened under pressure of the job. Usually we know what we should do, but we count the cost of doing the right thing and then back down due to pressure from people or circumstances. If we feel that we must do whatever is necessary to keep our jobs, we may end up serving the wrong master.

Steven Covey, in his book Seven Habits of Highly Effective People, (4) addresses the issue of the need to become principle-centered individuals. Are we living principle-centered lives? This means that there are some principles that are more important than the success or even the continuance of our business. Are there some ethical standards for which we are prepared to die if necessary? Those who let their business die rather than set aside their ethical standards can return to do business again someday, since they were able to maintain their integrity and their reputation. Those who cave in to the pressures to keep the business alive may be caught and end up losing their reputation and thus deprive themselves of a platform from which to rebuild their lives and businesses.

### Ten Global Principles for Success

We are going to close this essay on business ethics with *Ten Global Principles for Business and Professional Success* from the booklet *Mega Values* by Colonel Nimrod McNair. (5) These principles are modeled after the Ten Commandments.

The first principle is, "Show proper respect for authority." This is the invisible superstructure of productive enterprise. God clearly commands us to respect those in authority over us.

God uses this command to bring order out of chaos. Authority is a necessary prerequisite to order.

The second rule is, "Have a singleness of purpose." Divided purposes dilute effectiveness when interests conflict. We cannot serve two masters effectively. We must evaluate our time, talent, and resources and make sure we are using these God-given elements in a way that ultimately brings Him the glory.

Precept number three is, "Use effective communication in word and deed." Complete communications and predictable follow-through are the basic expressions of personal integrity. It means doing what you say you'll do, even if it is uncomfortable or inconvenient. This commandment is honored when promises are kept and accurate recounting of transactions is given.

A fourth truth is, "Provide proper rest, recreation, and reflection." This ensures a quality of life that will be reflected in creativity, productivity, and motivation. Rest is a necessity for effectiveness. Recreation guards the mind against mental and emotional fatigue. Reflection promotes self-monitoring, allows for mid-course corrections, and ensures single-mindedness. The fifth tenet is, "Show respect for the older and more experienced." Our parents, teachers, coaches, employers, pastors, and other elders in our lives have an investment in us. It is to our benefit to honor that investment and to draw fully from the wisdom and expertise of those more experienced than ourselves.

The sixth axiom is, "Show respect for human life, dignity, and rights." This encompasses product quality and service, the work environment, health and safety, personnel policies and responsibilities, and competitive practices. It is simply the Golden Rule—treating others as you would want to be treated.

The seventh principle is, "Maintain a stability of sexes and

the family." Wisdom and good business practice dictate equal regard for men and women as persons irrespective of gender or marital status. Respect for the family structure as the crucial foundation of our cultural system must be reflected in our decisions regarding the conflicts between business demands and the value of the family and personal life.

Precept number eight is, "Demonstrate the proper allocation of resources." Two fundamental responsibilities and privileges of business are optimal use of material resources and wise leadership of people. We must treat all our business assets, whether they be people, funds, or materials, as a gift from the Lord.

The ninth truth is, "Demonstrate honesty and integrity." Integrity is the cornerstone of any good relationship. Without demonstrating the willingness to give and the worthiness to receive trust, no business can survive or prosper. A reputation for honesty is a comprehensive statement of both a person's character and how he or she treats others. It is a fundamental mindset against stealing, lying, or deceiving.

The tenth and final business commandment is, "Maintain the right of ownership of property." Those who are disciplined, creative, prudent, and industrious are entitled to the fruits of their labor. We must not covet that which belongs to another.

Business ethics is more than a list of do's and don'ts, but these principles can help us get off to a good start.

#### Notes

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## Morality Apart From God

Recently, I became aware of a professor at one of the local colleges whose goal is to convince his students that you can have a system of ethics without a belief in God. Now I agree with him that holding his position is theoretically possible, but I said to him that such an ethical system is one built on sand. It would not stand the test of time nor the waves of adversity.

The U.S.S.R. tried to build an empire on godless atheism, and it failed miserably. Today in Russia we still see the results of the ethics of atheism. You would think that the Russians, having suffered so much under a totalitarian regime, would strive to do the right thing in appreciation for their new freedoms. Many have, but Russia today is torn apart by crime, greed, lawlessness, and immorality. Why? Was it merely too much freedom too soon, or are they still reaping the rewards of the ethics of atheism?

Many people today believe that God is, at best, unnecessary, and at worst, an intolerant task master. They say they don't need God to live right, and they can set their own rules for life. We live in a world obsessed with personal values. What people do depends on their personal values, but since everyone's values are different, there seems to be no standard by which we must all live. The very idea of basing our

morality upon our values means that we have bought into the idea of a system of relativistic ethics. Personal values have replaced values of virtue as the foundation for ethical thought. Virtues speak of some objective realities, but personal values speak only about subjective decisions of our will.

Basing ethical decisions on personal values is problematic. For example, is something good because we love it, or do we love it because it is good? German philosopher Friedrich Nietzsche would tell us that something is good because we love it. According to Nietzsche, man himself is the universal and absolute reference point for all of life. "God is dead," he declared, believing this release from the demands of any metaphysical reality was an opportunity to develop his own system of ethics based on self cultivation.

Today the world is continuing to build an ethical system based on tolerance and enlightenment apart from God. Men have tried many ways to teach this new godless form of morality. A decade ago we constantly heard the term, "values clarification." It was a national effort to allow even children to set their own standards of behavior. It was a disaster as it justified almost any kind of behavior. Educators may not loosely throw around the term, "values clarification," as they once did, but many still try to teach a system of ethics based on man's own values. These are values which are rooted in the idea of desirable goods, i.e., that which we decide is important to us.

The use of the term "values" can have objective content, but we must evaluate the source of that "objective content," and that leads us back to the question at hand: Is it possible to have true morality without a belief in God?

In this essay I will address this question by presenting common arguments against the need for God and then I will respond to those arguments.

### What Is Ethics Without God?

From the time of the Greeks, there have been many philosophers who have sought to prove that it is possible to have a universal morality without God. There have been many arguments presented to support this position, and in theory they may be right, depending on what one means by the word *universal*. They would say, all you have to have is a consensus on what is considered right and wrong behavior. Their position, with which I disagree, goes something like this:

First: If God is necessary for morality, then whatever God deems moral is moral. Therefore, why praise God for what He has done if He could have just as likely done the opposite, and it would have been equally moral. If whatever God says goes, then if God decreed that adultery was permissible, then adultery would be permissible. If things are neither right nor wrong independently of God's will, then God cannot choose one thing over another because it is right. Thus, if He does choose one over another, His choice must be arbitrary. But a being whose decisions are arbitrary is not worthy of worship.

Second: If goodness is a defining attribute of God, then God cannot be used to define goodness. If we do so, we are guilty of circular reasoning. That is, if we use goodness to define God, we can't also use God to define goodness.

Third: If one doesn't believe in God, being told that one must do as God commands will not help one solve any moral dilemmas.

Some philosophers, therefore, come to the following conclusion: the idea that a moral law requires a divine lawgiver is untenable. (1)

What should be our response as Christians? We should point out to people who side with the preceding position their lack of understanding concerning both God and the nature of man.

God is the creator and sustainer of all things. We would not

even be self aware, let alone aware of right and wrong, if God had not created within us His image, and therefore the ability to make moral distinctions. The truth is we have no reference point for all this discussion about morality except as God reveals it. For us to argue with the source of morality is for the clay to argue with the potter.

Some philosophers say that for God to define what is right or wrong is arbitrary. God is not arbitrary; He is the source of all life and therefore the source of all truth. We have no basis to even understand the concept of being arbitrary except in reference to an unchanging God. That which would be circular reasoning or arbitrary in discussions about ourselves comes into perfect focus as we bring the dilemma close to the universal, absolute focal point for all creation, God Himself.

The second problem with these arguments is that they fail to recognize the nature of man. If man were not fallen, i.e., not corrupted by sin, we would have limitless potential to create from within ourselves a universal moral code. But, we are a fallen lot, every last one of us, and therefore incapable of fully knowing what is good (Rom. 3:23). We are even incapable of carrying out what we do know to be good (Rom. 7:18-21).

So the question of right or wrong has everything to do with the origin of our belief, not just the substance of it. No matter how sincerely I believe I am right about some moral decision, the true test is in the origin of that belief. And God is the only universal and absolute origin to all morality.

### The Ethics of Belief

We are discussing arguments for the removal of God from ethical systems of morality. Many are trying to formulate an ethical platform that is devoid of any need for God.

We previously looked at one approach based on the idea that the need for a divine lawgiver is arbitrary and untenable. Another argument, also based on scientific naturalism, holds that it is immoral to hold to a belief for which one has no evidence. The problem is that the backers of this theory are naturalists and, therefore, automatically limit all evidence to that which is naturalistic, i.e., what can scientifically be tested. For such people, putting any trust at all in the metaphysical is folly.

To these naturalists, all humans are born with a moral sense which becomes a habit of virtue as we practice comradeship and work through our common struggles. It is merely the result of a social instinct born within us.

This is a very evolutionary approach to knowledge and ethics that considers theistic approaches as outmoded hypotheses. Scientific discourse is seen as an alternative to faith. (2)

As Christians, we recognize that man is more than just material; there is a lot more to us than just the physical body. We see this in our ability to mentally stand back and evaluate our lives, our ability to know right from wrong, and our self awareness and personality that make us unique from the rest of God's creation.

Because of our Christian perspective, we are interested not just in the physical evidences to the realities of life, but in the metaphysical evidences as well. For example, we have this book called the Holy Bible. It obviously is physical in nature because we can hold it and feel it and read it. But is there valid evidence that this book contains a message from God? Yes, in fact there are countless other books written to affirm that there is, in the pages of the Bible, a metaphysical message from the Creator of the Universe. The historic testimony of the ages confirms to our satisfaction that this book is the very communication from God to us. Can we prove this with scientific experiments? No. But, we have experienced countless testimonies and evidences that this book is more than just physical in its nature.

As Christians we must not allow the reductionism of this present age to eliminate the metaphysical in ethical dialogue. We must use the truth of God's Word unashamedly. We do not need to defend the Bible, for the Bible will defend itself. We just need to use it and live it to show the reality of God in our lives and demonstrate the power of our changed lives.

When man is allowed to see himself as only an animal, controlled by inborn or acquired instincts, he becomes self-centered and power oriented. Everything becomes an issue of power to be what he wants to be, and we either seek to create our own reality and purpose in life as the existentialist would do, or we slump into the despair of the postmodernist who says nothing makes any difference, and it really doesn't matter what we do.

Next we will look at what can happen if we allow the world to tell us we are nothing but living flesh, totally on our own in this physical universe.

# From a Crack in the Dam, To a Flood in the Valley

Intellectuals like Nietzsche, Spinoza, and Tillich and many others who have followed them have tried to create a godless society, a society free to create its own ethical system without the constraints of God-given mandates.

What can we expect if these leaders are able to advance their model for a system of ethics that has no need for God?

An interesting example may be the story of the medical profession in Germany during the Nazi regime. The medical profession is supposed to be the protector of human life. The Hippocratic Oath, that dates back to the Egyptians, states the highest standards of trust for those dedicating themselves to this honorable profession.

How did the medical profession in Germany become nothing more than an instrument of death in the hands of the Nazis? First, one's view of the nature of man had to change from that of a spiritual being to that of a purely physical being of no universal value beyond what society places on the individual. Through years of assault upon traditional morals and biblical truths, the German people began to see mankind through the eyes of German philosophers like Nietzsche and Hiedigger. These men viewed humanity as strictly flesh and blood, different from the animals only in progression, not in basic nature.(3)

Once the German population in general, and the medical profession in particular, was sold on a collectivist-authoritarian way of life, everything was in place to use the medical profession to accomplish the purposes of the Third Reich.

The Nazi holocaust began with a subtle shift in attitude that judged the value of people based upon their cost/benefit ratio to the state. First, it started with sterilization and euthanasia of people with severe psychiatric illnesses. Soon all those with chronic illness were being exterminated. Before too long, all patients who had been sick for five years or more, or were medically unable to work and unlikely to recover were transported to killing centers; what started as "mercy killings" in rare cases of extreme mental illness soon expanded to mass extermination on an unprecedented scale. Before long all those who could not work and were medically evaluated as incapable of being rehabilitated were killed. (4)

The German medical profession then started using human body parts for medical research, and this led to the grisly "terminal human experiments," in which live people were used in medical experiments. (5)

It all started with the idea that humans belong to society and the state. According to this view, if someone is a burden to society and the state, it is logical to conclude that their life was not a life worth living. From the first decision to put to death burdensome mental patients, a chain of events followed that ultimately led to the death of the majority of all the Jews in Europe, as well as millions of other "undesirables."

If we don't believe we are created by God, but simply highly evolved animals, and if we believe we have accountability only to society, then there is no end to the depths of depravity that we can go in our search to justify our actions. Corrosion of morals begins in microscopic proportions, but if not checked by a standard beyond ourselves, it will continue until the corrosion wipes away the very foundation of our lives, and we find ourselves sinking in a sea of relativity.

### Repairing the Ethical Breach

In this essay we have been addressing the danger of trying to establish an ethical system apart from the need for God.

I was recently impressed by an editorial in the *Dallas Morning News*. Written by Al Casey, the editorial was entitled, "Our ethical foundation needs repair."(6) In emphasizing the need for high ethical standards, Mr. Casey quotes the famous medical missionary, Dr. Albert Schweitzer: "Ethics is concern for good behavior . . . an obligation to consider not only our personal well-being, but also that of others and of human society as a whole."(7)

This is so true, but there is an even higher standard than what we might consider the good of human society. It is God alone who can set that standard. Earlier we spoke of some unbelievable atrocities that were committed by the German medical profession for the "good of society."

There is an old adage that says, "The road to hell is paved with good intentions." Human beings left to themselves often

start out with good intentions, but somehow, without guidance from above and obedient hearts, we lose our way.

Al Casey came the closest to the truth when he quoted Professor Alexander Tytler of the University of Edinburgh:

From bondage to spiritual faith.

From spiritual faith to great courage.

From courage to liberty.

From liberty to abundance.

From abundance to selfishness.

From selfishness to complacency.

From complacency to apathy.

From apathy to dependency.

From dependency back again into bondage. (8)

A consensus of ethical norms apart from the supervision of God will eventually erode. Power begins to take over in determining our actions. Look at our government today. It is controlled for the most part by special interest groups vying for influence. Every day I receive in the mail a plea for funds to help some group influence our government. What ever happened to sending upright men and women to Washington and trusting them to do the right thing without our funding various organizations that seek to influence our leaders to do their bidding?

Mr. Casey said it right, "To an alarming extent, America has become complacent, a nation inhabited by people concerned only with their own well-being." (9)

But, we don't just need a code of ethics, as important as that is; we need to put God back into our lives. We need to submit to His leadership in our lives, to recognize that only the God who created us knows what is best for us and only God is capable of revealing to us the ethical standards that can ultimately bring the peace we so desperately seek.

How do we do that? It starts with His book, the Holy Bible. God has spelled out some pretty clear principles on how to treat others. Do we love others as we love ourselves? That is not so easy when everyone around us is living out the relativistic ethics of power. The true force of Christianity has never been the use of power plays to conquer the world. From the Crusades of the Middle Ages to the moral majority of the last decade, efforts by Christians to use political or economic power to advance the Kingdom of God have been questionable, if not disastrous. The true power of Christendom has always been the testimony of Christians who are living out their faith in a world obsessed with self promotion—Christians who are in the Word of God and who maintain ethical and moral integrity!

#### Notes

- 1. Theodore Schick, Jr., "Morality Requires God . . . or Does It?," Free Inquiry (Summer 1997), pp. 32-34.
- 2. Timothy J. Madigan, "The Virtues of 'The Ethics of Belief,'" Free Inquiry (Spring 1997), pp. 29-33.
- 3. Leo Alexander, *Medical Science Under Dictatorship* (Flushing, N.Y.: Bibliographic Press, 1996), p. 9.
- 4. Ibid.
- 5. Maccaro, James A., "'From Small Beginnings:' The Road to Genocide," *The Freeman* (August 1997), pp. 479-81.
- 6. Casey, Al, "Our ethical foundation needs repair," *Dallas Morning News*, Sunday, 27 July 1997, p. 6J.
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- 8. Ibid.
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# Computers and the Information Revolution

### The Impact of the Information Revolution

What has been the impact of the information revolution, and how should Christians respond? Those are the questions we will consider in this essay. Let's begin by considering how fast our world shifted to a computer-based society. At the end of World War 2, the first electronic digital computer ENIAC weighed thirty tons, had 18,000 vacuum tubes, and occupied a space as large as a boxcar. Less than forty years later, many hand-held calculators had comparable computing power for a few dollars. Today most people have a computer on their desk with more computing power than engineers could imagine just a few years ago.

The impact of computers on our society was probably best seen when in 1982 *Time* magazine picked the computer as its "Man of the Year," actually listing it as "Machine of the Year." It is hard to imagine a picture of the Spirit of St. Louis or an Apollo lander on the magazine cover under a banner "Machine of the Year." This perhaps shows how influential the computer has become in our society.

The computer has become helpful in managing knowledge at a time when the amount of information is expanding exponentially. The information stored in the world's libraries and computers doubles every eight years. In a sense the computer age and the information age seem to go hand in hand.

The rapid development and deployment of computing power however has also raised some significant social and moral questions. People in this society need to think clearly about these issues, but often ignore them or become confused.

One key issue is computer crime. In a sense, computer fraud is merely a new field with old problems. Computer crimes are often nothing more than fraud, larceny, and embezzlement carried out by more sophisticated means. The crimes usually involve changing address, records, or files. In short, they are old-fashioned crimes using high technology.

Another concern arises from the centralization of information. Governmental agencies, banks, and businesses use computers to collect information on its citizens and customers. For example, it is estimated that the federal government has on average about fifteen files on each American. Nothing is inherently wrong with collecting information if the information can be kept confidential and is not used for immoral actions. Unfortunately this is often difficult to guarantee.

In an information-based society, the centralization of information can be as dangerous as the centralization of power. Given sinful man in a fallen world, we should be concerned about the collection and manipulation of vast amounts of personal information.

In the past, centralized information processing was used for persecution. When Adolf Hitler's Gestapo began rounding up millions of Jews, information about their religious affiliation was stored in shoe boxes. U.S. Census Bureau punch cards were used to round up Japanese Americans living on the West Coast at the beginning of World War II. Modern technology makes this task much easier.

Moreover, the problem it not limited to governmental agencies. Many banking systems, for example, utilize electronic fundstransfer systems. Plans to link these systems together into a national system could also provide a means of tracking the actions of citizens. A centralized banking network could fulfill nearly every information need a malevolent dictator might have. This is not to say that such a thing will happen, but it shows the challenges facing each of us due to the information revolution.

### The Social Challenges of Computers

One of the biggest challenges raised by the widespread use of computers is privacy and the confidentiality of computer records. Computer records can be abused like any other system. Reputations built up over a lifetime can be ruined by computer errors and often there is little recourse for the victim. Congress passed the 1974 Privacy Act which allows citizens to find out what records federal bureaucracies have on them and to correct any errors. But more legislation is needed than this particular act and Congress needs to consider legislation that applies to the information revolution.

The proliferation of computers has presented another set of social and moral concerns. In the recent past most of that information was centralized and required the expertise of the "high priests of FORTRAN" to utilize it. Now most people have access to information because of increasing numbers of personal computers and increased access to information through the Internet. This access to information will have many interesting sociological ramifications, and it is also creating a set of troubling ethical questions. The proliferation of computers that can tie into other computers provides more opportunities for computerized crime.

The news media frequently carry reports about computer "hackers" who have been able to gain access to confidential computer systems and obtain or interfere with the data banks.

Although these were supposed to be secure systems, enterprising computer hackers broke in anyway. In many cases this merely involved curious teenagers. Nevertheless, computer hacking has become a developing area of crime. Criminals might use computer access to forge documents, change records, and draft checks. They can even use computers for blackmail by holding files for ransom and threatening to destroy them if their demands are not met. Unless better methods of security are found, professional criminals will begin to crack computer security codes and gain quick access into sensitive files.

As with most technological breakthroughs, engineers have outrun lawmakers. Computer deployment has created a number of legal questions. First, there is the problem of establishing penalties of computer crime. Typically, intellectual property has a different status in our criminal justice system. Legal scholars should evaluate the notion that ideas and information need not be protected in the same way as property. Legislators need to enact computer information protection laws that will deter criminals, or even curious computer hackers, from breaking into confidential records.

A second legal problem arises from the question of jurisdiction. Telecommunications allows information to be shared across state and even national borders. Few federal statutes govern this area and less than half the states have laws dealing with information abuse.

Enforcement will also be a problem for several reasons. One reason is the previously stated problem of jurisdiction. Another is that police departments rarely train their personnel in computer abuse and fraud. A third reason is lack of personnel. Computers are nearly as ubiquitous as telephones or photocopiers.

Computer fraud also raises questions about the role of insurance companies. How do companies insure an electronic asset? What value does computer information have? These

questions also need to be addressed in the future.

Computers are a wonderful tool, but like any technology poses new challenges in the social and political arenas. I believe that Christians should be the forefront of these new technologies providing wise direction and moral guidelines. We need Christians in the fields of computer technology and electrical engineering who can wisely guide us into the 21st century.

### **Principles for Computer Ethics**

I would like to propose some principles for computer ethics. The first principle is that one should never do with computers what he or she would consider immoral without them. An act does not gain morality because a computer has made it easier to achieve. If it is unethical for someone to rummage through your desk, then it is equally unethical for that person to search your computer files. If it is illegal to violate copyright law and photocopy a book, then it is equally wrong to copy a disk of computer software.

A second principle is to **treat information as something that has value.** People who use computers to obtain unauthorized information often do not realize they are doing something wrong. Since information is not a tangible object and can be shared, it does not seem to them like stealing since it does not deprive someone of something. Yet in an information-based society, information is a valuable asset. Stealing information should carry similar legal penalties as stealing tangible objects.

A third principle is to remember that computers are merely tools to be used, not technology to be worshiped. God's mandate is to use technology wisely within His creation. Many commentators express concern that within an information society, people may be tempted to replace ethics with statistics.

Massive banks of computer data already exert a powerful influence on public policy. Christians must resist society's tendency to undermine the moral basis of right and wrong with facts and figures. Unfortunately, growing evidence indicates that the computer revolution has been a contributing factor in the change from a moral foundation to a statistical one. The adoption of consensus ethics ("51 percent make it right") and the overuse of cost-benefit analysis (a modernized form of utilitarianism) give evidence of this shift.

Fourth, computers should not replace human intelligence. In The Society of Mind Marvin Minsky, professor at the Massachusetts Institute of Technology, says that "the mind, the soul, the self, are not a singly ghostly entity but a society of agents, deeply integrated, yet each one rather mindless on its own." He dreams of being able ultimately to reduce mind (and therefore human nature) to natural mechanism. Obviously this is not an empirical statement, but a metaphysical one that attempts to reduce everything (including mind) to matter.

The implications, however, are profound. Besides lowering humans to the material process, it begins to elevate machines to the human level. One article asked the question, Would an Intelligent Computer Have a "Right to Life?" Granting computer rights might be something society might consider since many are already willing to grant certain rights to animals.

In a sense the question is whether an intelligent computer would have a soul and therefore access to fundamental human rights. As bizarre as the question may sound, it was no doubt inevitable. When seventeenth-century philosopher Gottfried Wilhelm von Leibniz first described a thinking machine, he was careful to point out that this machine would not have a soul, fearful perhaps of reaction from the church. But this will be our challenge in the future: how to manage new computing power that will most likely outstrip human intelligence.

The Bible teaches that humans are more than bits and bytes, more than blood and bones. Created in the image of God, human beings have spiritual dimensions. They are more than complex computers. Computers should be used for what they do best: analyze discrete data with objective criteria. Computers are a wonderful tool, but they should not replace human intelligence and intuition.

### **Biblical Principles Concerning Technology**

I would like to present a set of biblical principles concerning technology in general and computer technology in particular.

In essence, technology is the systematic modification of the environment for human ends. Often it is a process or activity that extends or enhances a human function. A microscope, for example, extends man's visual perception. A tractor extends one's physical ability. A computer extends a person's ability to calculate. Technology also includes devices that make physical processes more efficient. The many chemical processes we use to make products fit this description of technology.

The biblical mandate for developing and using technology is stated in Genesis 1:28. God gave mankind dominion over the land, and we are obliged to use and manage these resources wisely in serving the Lord. God's ideal was not to have a world composed exclusively of primitive areas. Before the Fall (Gen. 2:15) Adam was to cultivate and keep the Garden of Eden. After the Fall the same command pertains to the application of technology to this fallen world, a world that "groans" in travail (Rom. 8:22). Technology can benefit mankind in exercising proper dominion, and thus remove some of the effects of the Fall (such as curing disease, breeding livestock, or growing better crops).

Technology is neither good or evil. The worldview behind the particular technology determines its value. In the Old

Testament, technology was used both for good (e.g., the building of the ark, Gen. 6) and for evil (e.g., the building of the Tower of Babel, Gen. 11). Therefore the focus should not be so much on the technology itself as on the philosophical motivation behind its use. There are a number of important principles that should be considered.

First, technology should be seen as a tool, not as an end in itself. There is nothing sacred about technology. Unfortunately Western culture tends to rely on it more than is appropriate. If a computer, for example, proves a particular point, people have a greater tendency to believe it than if the answer was a well-reasoned conclusion given by a person. If a machine can do the job, employers are prone to mechanize, even if human labor does a better or more creative job. Often our society unconsciously places machines over man. Humans become servants to machines rather than the other way around.

There is a tendency to look to science and engineering to solve problems that really may be due to human sinfulness (wars, prejudice, greed), the fallenness of the world (death, disease), or God's curse on Adam (finite resources). In Western culture especially, we tend to believe that technology will save us from our problems and thus we use technology as a substitute for God. Christians must not fall into this trap, but instead must exhibit their ultimate dependence on God. Christians must also differentiate between problems that demand a technological solution and ones that can be remedied by a social or spiritual one.

As Christians we should see the value of technology but not be seduced into believing that more and better technology will solve social and moral problems. Computers and the Internet will tell us more about *how* people live, but they won't tell us how to live. Televisions, VCRs, and computers may enrich our lives, but they won't provide the direction we need in our lives. The answer is not more computers and more technology. The ultimate answer to our problems is a personal relationship

with Jesus Christ.

A second principle is that technology should be applied in different ways, according to specific instructions. For example, there are distinctions between man and animal that, because we are created in God's image (Gen. 1:26-27), call for different applications of medical science. Using artificial insemination to improve the genetic fitness of livestock does not justify using it on human beings. Christians should resist the idea that just because we can do something we should do it. Technological ability does not grant moral permission.

Many commentators, most notably E. F. Schulmacher, have focused on the notion of appropriate technology. In Third World countries, for example, sophisticated energy-intensive and capital-intensive forms of agriculture may be inappropriate for the culture as it presently exists. Industrial advance often brings social disruption and increasing havoc to a society. Developing countries must use caution in choosing the appropriate steps to industrialize, lest they be greatly harmed in the process.

I believe we should resist the temptation to solve every problem with computers. Our society today seems bent to putting computers in every classroom and in every place of work. As helpful as computers may be, I believe we need to question this seemingly mindless attempt to fill our world with computers. They are a wonderful tool, but that is all they are. We must be careful not to substitute computers for basics like phonics, mathematics, logic, and wise business practices.

Third, ethics rather than technology must determine the direction of our society. Jacques Ellul has expressed the concern that technology moves society instead of vice versa. Our society today seems all too motivated by a technological imperative in our culture. The technological ability to do something is not the same as a moral imperative to do it.

Technology should not determine ethics.

Though scientists may possess the technological ability to be gods, they nevertheless lack the capacity to act like gods. Too often, man has tried to use technology to become God. He uses it to work out his own physical salvation, to enhance his own evolution, or even to attempt to create life. Christians who take seriously human fallenness will humbly admit that we often do not know enough about God's creation to use technology wisely. The reality of human sinfulness means that society should be careful to prevent the use of technology for greed and exploitation.

Technology's fruits can be both sweet and bitter. C.S. Lewis writes in *The Abolition of Man*, "From this point of view, what we call Man's power over Nature turns out to be power exercised by some men over men with Nature as its instrument. . . . There neither is nor can be any simple increase of power on Man's side. Each new power won by man is a power over man as well. Each advance leaves him weaker as well as stronger. In every victory, besides being the general who triumphs, he is also the prisoner who follows the triumphal car."

Christians must bring strong biblical critique to each technological advance and analyze its impact. Computers are a wonderful tool, but Christians should constantly evaluate their impact as we live through the information revolution.

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### Ethics: Pick or Choose?

Written by Ray Cotton

#### How to Choose Right From Wrong

After four years at Harvard University as an undergraduate, one student proclaimed in his graduation oration that there was one central idea, one sentiment which they all acquired in their Harvard careers; and that is, in one word, confusion.

That same year, Harvard's graduate-student orator said, "They tell us that it is heresy to suggest the superiority of some value, fantasy to believe in moral argument, slavery to submit to a judgment sounder than your own. The freedom of our day is the freedom to devote ourselves to any values we please, on the mere condition that we do not believe them to be true." {1}

Our universities are teaching students that there are no solid guidelines to life. Since everything is relative, they are totally free to create anything they want out of their lives. Students are told that no one has a right to tell them how they ought to live. Decisions about right and wrong are strictly up to them. It makes no difference what they choose to make of their lives. Students are not encouraged to ask the traditional questions about the usefulness of life or the value of an exemplary life. As the above graduate student pointed out, they don't even want you to take your own conclusions about life seriously. It is a philosophy of ambiguity. It is the philosophy of humanistic existentialism. Many today are striving to break away from traditional values and embrace a sense of futility. Today we see it in the lives of teenagers who have "tried everything" and found life to be wanting. We see it in the life style of the "survivalists" who have given up hope in God and the future, holing up in defense of a coming catastrophe. {2}

According to Jean-Paul Sartre, one of the fathers of humanistic existentialism, the world is absurd, lacking any concept of ultimate justification. Sartre declares we have no ultimate purpose or plan to our lives. We are nothing and are therefore free to make ourselves into anything we want to be.{3} It doesn't even matter if you believe in your own proclamations because there is no more reason for you to exist than for you to not exist. Both are the same. The existentialist says you can just pick and choose your values. It makes no difference. There is no transcendent truth or power beyond man himself. Sartre doesn't believe in any God, nor does he believe that there is any preconceived design. There is no principle of authority to determine action. He says one must invent an original solution for each situation.{4} Therefore, in the sovereignty of his freedom, man creates his own values. Morality is rooted in human choice. Man alone gives his life its importance. Mankind must somehow transcend a life of absurdity and despair.

Is this humanly created reality true or are those who believe it trying to live in a dream world? Is the existentialist trying desperately to deflect the true absurdity and despair of his position? Is this the view of life that we expect our college students to be learning?

#### The Foundation of Existentialism

Prior to World Wars I & II, modern man believed that through science and human engineering an ever better world was evolving. They believed that mankind was getting better, that peace and prosperity would reign. They were convinced that we had finally figured out how to live together in harmony and to build a better world.

Then came the rude awakening of two world wars and the hideous crimes against human beings perpetuated by Hitler's Third Reich. Out of the continuing frustration and destruction of World War II came a new philosophy of life. It was a philosophy conceived by those who had lost hope, who could only see the chaos. They lost their hope in any ultimate meaning for life. They were unable to see beyond the carnage of war-torn Europe. Their view of life was called humanistic existentialism.

Men like Jean-Paul Sartre and Albert Camus sought to establish a new view of life, a "new humanism" with a whole new set of values. Prior to these men, the need for a transcendent force, a higher authority beyond man himself, helped set limits and gave guidance to our lives. An example of this transcendence would be the Ten Commandments, given to man by God. These new philosophers defined transcendence in an entirely different way. They saw transcendence only in their own aims and goals. For the existentialists, transcendence was a way to escape what they saw as the meaninglessness of life by establishing aims and goals to make whatever they wanted out of themselves, to create their own reality. For them there were no norms or standards, other than what they might choose to agree upon among themselves.

You have to realize that for these existentialist thinkers, all human activities were equivalent in value. Human activity amounted to the same thing "whether one gets drunk alone or is a leader of nations." [5] However, without God, there can be no transcendent view of human nature because there is no God to have a conception of it. [6] Man is merely an evolved animal. Today we see many young people caught up in this attitude of cynicism and despair. They just don't care anymore. Life has become jaded. Many young people pass their time in a fantasy world of drugs, music and sex. [7]

Man's nothingness forms the foundation of existential thinking. Man is an empty bubble floating on a sea of nothingness.  $\{8\}$ 

Trying to build an ethic for life based on the philosophy of existentialism is quite a challenge. Not only do the existentialists have to create a set of values to live by, but first of all, they have to create optimism out of a view of absurdity and despair. It is called an ethic of ambiguity because each person has no one to answer to but himself. There is no one else to blame, each individual is without excuse. Life is merely a game to be won or lost, to seek to become

one's own hero.

The existentialist wills himself to be free and in so doing wills himself to be moral. <a>{9}</a>

## Existentialism Collides with a Biblical Worldview

We live in a world that has been characterized as "plastic", without value and sterile. Many have forgotten what it means to live, to be fully human. Hours are spent in front of the TV, in a world of fantasy and escapism. Many people are becoming devoid of human warmth and significant human interaction. {10}

In this essay I have examined the ethics of humanistic existentialism. To fully understand ethics one must have considerable clarity about what it is to be human. {11} Is man an evolved animal required to create his own essence, as the existentialist would say? Though there is freedom to choose our own actions, there is no significance in our actions. Choices are made in the face of meaninglessness. The values of existentialism are anchored in the world of ordinary experiences. Their values come from what is. And for the existentialist what is, is man's absurd condition. {12}

How does existentialism compare to a God-centered, theistic view of ethics? For the Christian, ethical values are revealed to man by God. Perfect freedom lies only in service to God. {13} The existentialist defines God as "self-caused" and then says there is no God because it is impossible to be self-caused. The Christian says that God is "uncaused", not self-caused. If you want absolute freedom, it is all too easy to deem God nonexistent. Even Sartre admits that "since we ignore the commandments of God [concerning] all value prescribed as eternal, nothing remains but what is strictly voluntary." {14} Throwing off all limitations and declaring his atheism, Sartre explains the process in his autobiography:

I had been playing with matches and burned a small rug. I was in the process of covering up my crime when suddenly God saw me. I felt His gaze inside my head and on my hands....I flew into a rage against so crude an indiscretion, I blasphemed....He never looked at me again....I had the more difficulty getting rid of Him [the Holy Ghost] in that He had installed Himself at the back of my head....I collared the Holy Ghost in the cellar and threw Him out.{15}

Aldous Huxley, another famous existentialist, said:

For myself, no doubt for most of my contemporaries, the philosophy of meaninglessness was essentially an instrument of liberation. The liberation we desired was ... from a certain system of morality. We objected to the morality because it interfered with our sexual freedom. {16}

The truth of Huxley's words ring out loud and clear. All around us we find individuals rejecting the truth of God's word and embracing false doctrines that allow them to vent their passions and immorality. Satan loves to get us discouraged and despairing, then he shows us a false way out that caters to our old fleshly nature, a way that allows us to do as we please.

The Bible says that we are in bondage either to sin or to God. We will serve one or the other. Our only choice is to decide who or what we will serve, the God of the Spirit, or the god of the flesh. The choice is ours.

# Rejecting Biblical Truth Ultimately Leads to Despair

How did modern philosophy arrive at such a seemingly absurd state? In the late nineteenth century certain scholars assaulted the Bible and Christian beliefs. This "higher criticism" was promoted by men dedicated to the destruction of orthodox Christianity. In their minds the Bible was no more than a novel, a book of fiction with some good moral lessons. This movement was the spiritual legacy of the Enlightenment which put the claims of religion outside the realm of reason. Natural law, based on human reason alone, was slowly substituted for biblical law. Christian faith was separated from historic reality. The focus of all studies was shifting from God to man.

The real motive of higher criticism of the Bible was purely ethical. Men and women don't like the idea of having to be obedient to God. Therefore, they denied the historic validity of the Bible. This denial was based on an evolutionary model of human morality and human history. They sought to separate ethics from faith{17} in order to free themselves from God's final judgment.

Kierkegaard, a 19th century philosopher, is considered the father of existentialism. He took this idea of the separation of faith and reason and said that we could not know God rationally. Therefore, he tried to reach God by what he called an irrational leap of faith. Since it was not rational to believe in God, but it was necessary, you must believe irrationally. Sartre and Camus simply took the next step when they said belief in God was not only irrational, but unnecessary.

Therefore, modern man started the path to a meaningless life when he questioned whether man could know God. Indeed, when man questioned even God's ability to communicate with man, this led the existentialist to ask, "If God is dead, isn't man dead also?" This existential death of man has lead to apathy, absurdity and ambiguity. The philosopher Bertrand Russell said it best when he said:

What else is there to make life tolerable? We stand on the shore of an ocean, crying to the night and to emptiness. Sometimes a voice of one drowning, and in a moment the silence returns. The world seems to me quite dreadful, the

unhappiness of many people is very great, and I often wonder how they all endure it. It is usually the central thing around which their lives are built, and I suppose if they did not live most of their lives in the things of the moment, they would not be able to go on.

Rejection of God's grace creates a world of hopeless despair. Existentialism leaves man without hope. In contrast, the Christian has the hope of eternal life based on faith in a living, personal God whom we can personally experience with all our mind, body and spirit.

## Can Human Beings Live the Existential Life?

How many of your acquaintances are demonstrating by their lives that they believe there are significant ethical implications in the decisions they make and the activities they are involved in? Do you know people who live life caught up in self-preoccupation, doing only that which gives immediate pleasure? Are they filling their lives with movies, TV, sports and other preoccupations which shield them from dealing with the ethical reality of their lifestyle?

In this essay I have been discussing the ethics of humanistic existentialism, an ethic of freedom in ambiguity. It is an ethic that says man is nothing except what he or she decides to create of themselves and whatever choice they make really doesn't matter.

It sounds absurd, and it is, but sadly it is the ethic often being taught on the college campuses. One philosophy professor at a major university in Texas proudly informs his classes that he is an atheist and that his goal is to show the class that they can develop a system of ethics without a belief in a god. Of course he is right. One can design a set of relativistic ethical standards, but it is an ethic built on sand. An ethic of ambiguity will never give the support these

Sartre and Albert Camus, the leading writers in existentialist theory, hold to their position till the end? There is evidence that they did not. From a dialogue recorded in 1980 when nearing his death, Sartre came very close to belief in God, perhaps even more than very close. He made a statement that may show his acceptance of the grace of God. He said,

I do not feel that I am the product of chance, a speck of dust in the universe, but someone who was expected, prepared, prefigured. In short, a being whom only a Creator could put here; and this idea of a creating hand refers to God.

In this one sentence Sartre seems to disavow his entire system of belief, his whole life of dedication to existentialism. If this is true, it is a condemnation of humanistic existentialism by Sartre himself. {18}

What about Albert Camus? According to Rev. John Warwick Montgomery, an internationally respected Lutheran minister and author, there was a retired pastor of the American Church in Paris who told him that Albert Camus was to have been baptized within the month of his tragic death and that Camus had seen the bankruptcy of humanistic existentialism. {19}

All this is second hand information, but it does cast a shadow upon the ethics of existential humanism. Either we live a life of hope or of despair. Regardless of the claims made, existential humanism does not leave room for hope. Simone de Beauvoir, the mistress of Sartre and also an existentialist writer, came the closest of any of these writers to the real truth when she said it was reasonable to sacrifice one innocent man that others may live. {20} This is the foundation of the whole gospel message of Christianity: Jesus Christ, the innocent Son of God, died that all men might be saved. Meanwhile the existentialist stands alone with hope only in one's self. He is alone in a world without Christ, instead of

being secure in the knowledge of Christ's love and redemption. Praise God that He is there and He is not silent!

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### The Morality of the West

### Cheating in the Schools

According to a study by Rutgers University, over 70% of all university students admit they have cheated at least once. And there's probably a few more who wouldn't admit it. The most common form of cheating admitted to is plagiarism. Students have always copied from someone else's paper or stealthily brought forbidden notes into the classroom. But the incidence is rising. Nineteen percent admit they have faked a bibliography, and fourteen percent say they have handed in a computer program written by someone else. {1}

This report highlights the fact that many students today are either unable or unwilling to act in an ethical manner. William Kilpatrick, in his book Why Johnny Can't Tell Right From Wrong, brings to light the millions of crimes committed yearly on or near school property. Children go to school scared and intimidated. Many teachers contemplate and actually do leave the profession because of all the discipline and

behavior problems. {2} A professor of philosophy at Clark University says:

Students come to college today as moral stutterers. They haven't been taught much respect for what I call "plain moral facts," the need for honesty, integrity, responsibility. It doesn't take a blue-ribbon commission to see this. Students don't reason morally. They don't know what that means. {3}

Also, Mr. Michael Josephson, founder and president of the Josephson Institute for the Advancement of Ethics, said "Far too many young people have abandoned traditional ethical values in favor of self- absorbed, win-at-any-cost attitudes that threaten to unravel the moral fabric of American society." [4] This "self-absorbed" attitude is based on a whole new set of assumptions about how we should adopt our values and the right of individuals to construct their own values.

Where do these ideas come from? Are our young people only now discovering the difference between what their parents have preached to them and what they actually do? Is it simply due to the fact that society is changing? Or is this an ethical vacuum caused by a value system without a solid foundation?

Some have suggested that we have simply discovered more efficient ways of uncovering people's wrongdoing so it just seems that people are less moral in their dealings. In other words, we are just more aware of the imperfections that were always there. A more interesting question, however is whether the behavior is the result of values being communicated by society? Have the rules changed? and who makes these rules, God or men? The Christian and the theist turn toward the Creator of the Universe. The humanist or atheist turns toward himself. This distinction between theism and humanism is the fundamental division in moral theory.

It appears that we are rapidly approaching a Godless, valueless society in which "power ethics" or the "political

rationalism" of humanism is replacing the Judeo-Christian ethical base of traditional morality. The roots of our present dilemma go all the way back to the secular humanism of the fifteenth- and sixteenth- century Renaissance, and the Enlightenment of the seventeenth and eighteenth centuries. The idea of the sufficiency of human reason grew stronger during these periods, continually challenging Judeo- Christian values in an increasingly sophisticated way. Humanity was placed at the center of the universe, rather than God.

#### The Moral Results of Reason Alone

Just as our Lord said that man cannot live by bread alone, so man cannot live by reason alone. If we exclude revelation as a source of direction in discovering who man is and rely solely on our intellect, and our own ideas of how we came to be, then we will naturally slip into a pessimistic and ultimately depressing view of human nature.

The seventeenth-century philosopher John Locke said that all knowledge comes from sensation. In other words, the only reality is what we can see, hear, feel, smell, taste, or measure. Not much room for revelation here. Other philosophers have followed up on this idea and have concluded that man is shaped by evolutionary processes and the culture that surrounds us. The notion that man is born with some innate nature has been rejected. Men like Hegel, Darwin, and Marx believed that all living forms and social systems were nothing more than the result of progressive transformations over time. As the influence of the religious community began to wane in the nineteenth century, many began to search for a meaning to life totally apart from God. Man simply no longer believed he had a place in eternity. Therefore all he could do was hope to find his place in the movement of history. {5}

Charles Darwin's *Origin of the Species* catapulted the abandonment of God and revelation by attempting to show that God was not even necessary in the creation of living things.

If God did not create us, then we certainly could not gain our sense of meaning and purpose from a book purportedly written by Him. Frederich Nietzsche purposed to highlight the ethical implications of Darwinism. Nietzsche's "superman" concept transformed man into the maker of his own destiny. Man was truly the measure of all things. If God is dead, as Nietzsche declared, and nature is all there is, then what is, is right. Human life was therefore stripped of any purpose or goal. The contemporary Harvard professor, E. O. Wilson has stated, "No species, ours included, possesses a purpose beyond the imperatives created by its genetic history." Elsewhere he declares that our dilemma is that "we have no particular place to go. The species lacks any goal external to its own biological nature." This will ultimately result in a sense of hopelessness, pessimism, apathy, and absurdity. William Kilpatrick in his book Why Johnny Can't Tell Right From Wrong, says "Suicides among young people have risen by 300 percent over the last thirty years." [6] Next to accidents it is now the second leading cause of death in teenagers. Many of the deaths due to accidents are the result of auto accidents in which alcohol has played a role which can also be traced back to a sense of hopelessness and despair. Young people who may have never heard of Nietzsche are nevertheless living their lives in accordance with his philosophy of living recklessly.

A group of scholars presented the case of biblical authority to a group of students at Princeton University. At the conclusion of their presentation, a student stood and said:

I am surprised that I found myself feeling that you two were right and all of us were wrong, at least insofar as this very basic point: why we stand where we stand makes all the difference in the world. So the weakness of your presentation was that you were arguing on the basis of logic and presuppositions and intellectual integrity with persons who are perfectly ready to dispense with all three. {7}

Our young people are so far removed from a rational discussion of what is right and what is wrong that they are unable to even decide what criterion should be used to make the decision, let alone make the decision itself. This is the inevitable result of the philosophical trend to utilize human reason alone apart from the revelation in Scripture. As our creator, God alone has the authority and knowledge to inform us as to how we are to act. Left to ourselves, we will only be confused.

## Why Are Biblical Values No Longer Taught in Schools?

Many students today are so confused that they not only don't know what ethical system is valid, but they don't even know how to evaluate them. One might ask, why aren't the schools teaching the values our children need, values that will work for them rather than against them?

To understand the lack of values being taught in our educational institutions, we need to go back to the biblical critics who were writing in Germany in the nineteenth century. The product of an attempt to operate by human reason alone, this movement placed the claims of religion and particularly the Bible outside the realm of human reason. If the Bible was not reasonable, then the Scriptures lost their foundation in real history. The traditions of the faith were seen as merely that, tradition with no basis in reality. This meant that the events contained in the Bible were to be evaluated on whether they were reasonable within a universe where the supernatural was assumed to be nonexistent or at least not involved in the real world. These scholars, called higher critics, believed that all morality is totally relative to historical time and place. The laws of the Bible were now to be seen as being understood only within the times that the Bible was describing. A Sabbath was only useful to an agrarian and shepherding culture. The same would be true for adultery or

taking the Lord's name in vain.

This approach essentially denies the unity and moral integrity of the entire Bible. {8} The end result is that in people's minds, their ethics became separated from their faith. This eventually resulted in deism, a view that says that God only provided the necessary input to get the universe started but left it completely on its own after creation. He never intervened in natural or human history again. God is still there, but there is no possibility of any communication between God and His creation. Well, if you can't communicate with God and He has no influence over your life, why bother with worrying whether God existed at all? The worldview of naturalism quickly follows which says that there is no God.

Nietzsche's "madman" said, "God is dead!" {9} God was now out of the picture. Nietzsche simply took the next step. He tried to force men and women to, "feel the breath of empty space." If you have been following the train of thought here you are probably beginning to see the connection between Nietzsche's ideas and the state of our youth today. Many young people feel that there is no grand purpose for their life. Life is empty and cheap. If you believe in some form of a grand purpose, it is really only a grand illusion. All that is left, therefore, is to live for the pleasure of the moment. Gain what pleasure you can in an absurd universe. This will ultimately lead to an attitude of despair. If God is dead, what's the use of conforming to any rules. If I die as a result of my actions, so what, life is absurd anyway.

Students today often seem to be lost in relativism and are unable to think about or look into their futures. They shrivel up within the confines of their immediate surroundings. There is no longer any hope in eternity or in real justice.

Many of today's young people wander about their school halls with no hope, no dreams, no optimism about their future. Rock groups such as *Nirvana* and *Nine Inch Nails* continually fill

their heads with the meaninglessness of a universe in which God is dead and life is absurd. We should be filled with great sadness when we witness the destruction this kind of thinking results in such as the suicide of Nirvana's heart and soul, Curt Cobain. I believe we should also see such people as Jesus does, as lost sheep. They are a great mission field for which the truth and historical reality of the gospel can find fertile ground.

# The Twentieth Century Results of a "God Is Dead" Universe

The Greek philosopher Plato understood that there must be some universal or absolute under which the individual things (the particulars, the details) must fit. Something beyond the everyday must be there to give it all unity and meaning. Even the atheist and existentialist, Jean-Paul Sartre, realized that a finite point is absurd if it has no infinite reference point.{10} Sartre chose to believe that this infinite reference point did not exist, therefore, the only thing worth doing is existing and making choices, regardless of what those choices may be. But how can we tell students, our children, that anything is right or wrong if there is no absolute reference point such as the Bible, to base this on?

Existentialism says that we need to make a "leap of faith" {11} and seek to find our meaning without reason. In other words, we just have to find what works for us. And as we go through life, what works will constantly be changing. If we actually try to think about it, if we try to rationalize a meaning, we will only get depressed. According to existentialism, the only way to be happy, is to not think, to be blindly optimistic.

Another perspective is power ethics or "political naturalism." Niccolo Machiavelli (1469-1527) was a great voice in the revival of political naturalism in the sixteenth century. In his book *The Prince*, a ruler who wants to keep his post must

learn how not to be good, and use that knowledge, or refrain from using it, as necessity requires. {12} In other words, do what you need to do to preserve your position and don't concern yourself with what is ethical. Just preserve your power. Machiavelli's ethical stance of whatever strengthens the state is right had a great influence on the thinking of Ludwig Feuerbach (1804-1872). Feuerbach's claim that God was merely a human invention had a lot to do with the writings of Karl Marx (1819-1883) who took these ideas as validation of his own views. His ideas provided a foundation upon which Lenin and Stalin were able to build a society around the power ethics of political rationalism. Feuerbach and Marx rejoiced in the fact that the loosing grasp of religion had made it possible to create a city of man in an entirely human space. {13} In Russia there was a concerted attempt to root out Christianity and substitute an extremely intolerant and militant form of the religion of the Enlightenment. {14}

Adolph Hitler is another example. So profound was Nietzsche's philosophy upon Hitler, that it provided the framework for his tireless efforts to obliterate the Jews and the weak of this world. {15} Nietzsche had proclaimed the coming of the Master Race, and a Superman who would unify Germany and perhaps the world. {16} Hitler, in his book Mein Kampf, clearly announced his intent to take Nietzsche's logic and drive the atheistic worldview to its logical conclusion. In Nietzschean terms, atheism will inevitably lead to violence and hedonism. {17} Hitler personally presented a copy of Nietzsche's works to Benito Mussolini, and Mussolini submitted a thesis on Machiavelli for his doctor's degree.

When human reason is allowed to be unaccountable it becomes solely a function of power, it legitimatizes the construction of a totalitarian state and in the case of Hitler the end result was the Holocaust. The real legacy of unbridled humanism is terror. {18}

#### The Purification of Moral Relativism

We construct museums so that we may never forget the horror of the German Holocaust. Russia is trying to recover from a total collapse of a power structure that was based on political rationalism and historical materialism. They had to find out the hard way. The fundamental dogma of the Enlightenment, the natural goodness and/or reasonableness of man, is a myth at best. It was Aleksandr Solzhenitsyn who related what he overheard two old peasants say during the blood baths of Stalin's regime, "It is because we have forgotten God. That is why all this is happening to us." Out of the rubble of a failed system rose a people desperate to reestablish an ethical base that will work for them rather than against them. An article in USA Today illustrates a new hope for values in Russia. It reports that:

Officials say up to 55% of Russian teachers, many of whom were former atheists, have made personal commitments to Christ. Many are using the New Testament in schools. "For ages, (Russia) was a country of believers and morality was very close to the people," says assistant principal Olga Meinikova, 32, of school No. 788. "For a short period 74 years we lost it all. All Russian teachers should teach this course; Americans too. The Bible is part of normal education." [19]

Teams of Americans are helping to train Russian teachers how to teach Judeo-Christian morals and values based on a system of biblical ethics. The military has also been retraining their staff in Judeo-Christian morality, ethics, and values. Russia reached the bottom of a Godless society and is making an effort to rebuild its ethical base.

We face a dilemma in Western culture. We can continue along the line of thinking that "reason" is our only hope and trust in the natural goodness and/or reasonableness of man. Another extreme is to throw out reason altogether and embrace the philosophy and religion of the new age. The biblical view is to return to the concept of the fallen nature of mankind and rebuild on the traditional base of historic Christianity, which puts reason under the authority of Scripture. This is the traditional basis for ethical teaching in Western culture. It applies to all our institutions of training, including churches and ministries. The ethics modeled by too many Christian leaders is at best a utilitarian form of ethics. At worst, it is a pragmatic form of ethics that serves the self-centered goals of the individual or institution.

In conclusion, ethics based on Enlightenment thinking is not the answer. Crane Brinton, in his book A History of Western Morals says, "the religion of the Enlightenment has a long and unpredictable way to go before it can face the facts of life as effectively as does Christianity." {20} We appear to have an implosion of values in a society. Many are seeking to teach our children that there is no God and no afterlife, but if you live an ethical life it will pay off. It is a standard without a foundation, floating in mid air. Society must re-evaluate its commitment to Enlightenment ethics and thinking. Until it does, we will see a continuing loss of values and respect for humanity.

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## Answering the Big Questions

### of Life

Sue Bohlin presents a Naturalistic, a Pantheistic, and a Christian perspective on the five major questions all of us should ask about life. Knowing the answers to these questions in critical to living a meaningful, fulfilling life on this earth. She concludes by demonstrating that only a Christian worldview provides consistent answers to all of these questions.



This article is also available in Spanish.

One of the most important aspects of Probe's "Mind Games" conference is teaching students to recognize the three major world views—Naturalism, Pantheism, and Theism—and the impact they have both on the surrounding culture as well as on the ideas the students will face at the university. Because we come from an unapologetically Christian worldview, I will be presenting the ideas of Christian theism, even though Judaism and Islam are both theistic as well.

In this essay I'll be examining five of the biggest questions of life, and how each of the worldviews answers them:

- Why is there something rather than nothing?
- How do you explain human nature?
- What happens to a person at death?
- How do you determine right and wrong?
- How do you know that you know?{1}

# Why Is There Something Rather than Nothing?

The most basic question of life may well be, **Why is there** something rather than nothing? Why am I here? Why is anything here at all?

Even Maria Von Trapp in the movie *The Sound of Music* knew the answer to this one. When she and the Captain are singing their love to each other in the gazebo, she croons, "Nothing comes from nothing, nothing ever could."

But naturalism, the belief that says there is no reality beyond the physical universe, offers two answers to this basic question. Until a few years ago, the hopeful wish of naturalism was that matter is eternal: the universe has always existed, and always will. There's no point to asking "why" because the universe simply is. End of discussion. Unfortunately for naturalism, the evidence that has come from our studies of astronomy makes it clear that the universe is unwinding, in a sense, and at one point it was tightly wound up. The evidence says that at some point in the past there was a beginning, and matter is most definitely not eternal. That's a major problem for a naturalist, who believes that everything that now is, came from nothing. First there was nothing, then there was something, but nothing caused the something to come into existence. Huh?

Pantheism is the belief that everything is part of one great "oneness." It comes from two Greek words, pan meaning "everything," and theos meaning "God." Pantheism says that all is one, all is god, and therefore we are one with the universe; we are god. We are part of that impersonal divinity that makes up the universe. In answering the question, Why is there something rather than nothing, pantheism says that everything had an impersonal beginning. The universe itself has an intelligence that brought itself into being. The "something" that exists is simply how energy expresses itself. If you've seen the Star Wars movies, you've seen the ideas of pantheism depicted in that impersonal energy field, "The Force." Since the beginning of the universe had an impersonal origin, the question of "why" gets sidestepped. Like naturalism, pantheism basically says, "We don't have a good answer to that question, so we won't think about it."

Christian Theism is the belief that God is a personal, transcendent Creator of the universe—and of us. This worldview showed up on a T-shirt I saw recently:

"There are two things in life you can be sure of.

- 1. There is a God.
- 2. You are not Him."

Christian Theism answers the question, **Why is there something** rather than nothing, by confidently asserting that first there was God and nothing else, then He created the universe by simply speaking it into existence. The Bible's opening sentence is an answer to this most basic of questions: "In the beginning, God created the heavens and the earth."

### How Do You Explain Human Nature?

Another one of the big questions of life is, **How do you explain human nature?** Why do human beings act the way we do? What it really boils down to is, Why am I so good and you're so bad?

During World War II, a young Jewish teenager kept a journal during the years she and her family hid from the Nazis in a secret apartment in a house in Amsterdam. Anne Frank's diary poignantly explored the way she tried to decide if people were basically good or basically evil. Acts of kindness and blessing seemed to indicate people were basically good; but then the next day, Anne would learn of yet another barbarous act of depravity and torture, and she would think that perhaps people were basically bad after all. After reading her diary, I remember carrying on the quest for an answer in my own mind, and not finding it until I trusted Christ and learned what His Word had to say about it.

Naturalism says that humans are nothing more than evolved

social animals. There is nothing that truly separates us from the other animals, so all our behavior can be explained in terms of doing what helps us to survive and reproduce. Your only purpose in life, naturalism says, is to make babies. And failing that, to help those who share your genes to make babies. Kind of makes you want to jump out of bed in the morning, doesn't it?

Another answer from naturalism is that we are born as blank slates, and we become whatever is written on those slates. You might mix in some genetic factors, in which case human nature is nothing more than a product of our genes and our environment.

Pantheism explains human nature by saying we're all a part of god, but our problem is that we forget we're god. We just need to be re- educated and start living like the god we are. Our human nature will be enhanced by attaining what pantheists call "cosmic consciousness." According to New Age thought, the problem with humans is that we suffer from a collective form of metaphysical amnesia. We just need to wake up and remember we're god. When people are bad, (which is one result of forgetting you're god), pantheism says that they'll pay for it in the next life when they are reincarnated as something less spiritually evolved than their present life. I had a Buddhist friend who refused to kill insects in her house because she said they had been bad in their previous lives and had to come back as bugs, and it wasn't her place to prematurely mess up their karma.

The Christian worldview gives the most satisfying answer to the question, How do you explain human nature? The Bible teaches that God created us to be His image-bearers, which makes us distinct from the entire rest of creation. But when Adam and Eve chose to rebel in disobedience, their fall into sin distorted and marred the sacred Image. The fact that we are created in God's image explains the noble, creative, positive things we can do; the fact that we are sinners who

love to disobey and rebel against God's rightful place as King of our lives explains our wicked, destructive, negative behavior. It makes sense that this biblical view of human nature reveals the reasons why mankind is capable of producing both Mother Teresa and the holocaust.

### What Happens after Death?

In the movie *Flatliners*, medical students took turns stopping each other's hearts to give them a chance to experience what happens after death. After a few minutes, they resuscitated the metaphysical traveller who told the others what he or she saw. The reason for pursuing such a dangerous experiment was explained by the med student who thought it up in the first place: "What happens after death? Mankind deserves an answer. Philosophy failed; religion failed. Now it's up to the physical sciences."

Well, maybe religion failed, but the Lord Jesus didn't. But first, let's address how naturalism answers this question.

Because this worldview says that there is nothing outside of space, time and energy, naturalism insists that death brings the extinction of personality and the disorganization of matter. Things just stop living and start decomposing. Or, as my brother said when he was in his atheist phase, "When you die, you're like a dog by the side of the road. You're dead, and that's it." To the naturalist, there is no life after death. The body recycles back to the earth and the mental and emotional energies that comprised the person disintegrate forever.

Pantheism teaches reincarnation, the belief that all of life is an endless cycle of birth and death. After death, each person is reborn as someone, or something, else. Your reincarnated persona in the next life depends on how you live during this one. This is the concept of karma, which is the law of cause and effect in life. If you make evil or foolish

choices, you will have to work off that bad karma by being reborn as something like a rat or a cow. If you're really bad, you might come back as a termite. But if you're good, you'll come back as someone who can be wonderful and powerful. New Age followers sometimes undergo something they call "past lives therapy," which regresses them back beyond this life, beyond birth, and into previous lives. I think it's interesting that people always seem to have been someone glamorous like Cleopatra and never someone like a garbage collector or an executioner!

Christian Theism handles the question, What happens to a person at death, with such a plain, no-nonsense answer that people have been stumbling over it for millenia. Death is a gateway that either whisks a person to eternal bliss with God or takes him straight to a horrible place of eternal separation from God. What determines whether one goes to heaven or hell is the way we respond to the light God gives us concerning His Son, Jesus Christ. When we confess that we are sinners in need of mercy we don't deserve, and trust the Lord Jesus to save us from not only our sin but the wrath that sin brings to us, He comes to live inside us and take us to heaven to be with Him forever when we die. When we remain in rebellion against God, either actively disobeying Him or passively ignoring Him, the consequences of our sin remain on us and God allows us to keep them for all eternity-but separated from Him and all life and hope. It is a dreadful thing to fall into the hands of the living God (Hebrews 10:31). But it is a delightful thing to fall into the arms of the Lover of your soul, Who has gone on ahead to prepare a place for you! Which will you choose?

### How Do You Determine Right and Wrong?

One of the big questions in life is, How do you determine right and wrong? Steven Covey, author of *Seven Habits of Highly Effective People*, appeared on the Oprah Winfrey show

one day. He asked the studio audience to close their eyes and point north. When they opened their eyes, there were several hundred arms pointing in wildly different directions. Then Mr. Covey pulled out a compass and said, "This is how we know which way is north. You can't know from within yourself." He used a powerful object lesson to illustrate the way Christian theism answers this big question in life.

Naturalism says that there is no absolute outside of ourselves. There is no final authority because space, time and energy are all that is. There is no such thing as right and wrong because there is no right- and wrong-giver. naturalism tries to deal with the question of ethics by providing several unsatisfying answers. One is the belief that there is no free choice, that all our behaviors and beliefs are driven by our genes. We are just as determined in our behavior as the smallest animals or insects. Another is the belief that moral values are determined from what is; the way things are is the way they ought to be. If you are being abused by your husband, that's the way things are, so that's the way they ought to be. Even worse is the concept of arbitrary ethics: might makes right. Bullies get to decide the way things ought to be because they're stronger and meaner than everybody else. That's what happens in totalitarian regimes; the people with the power decide what's right and what's wrong.

Pantheism says that there is no such thing as ultimate right and wrong because everything is part of a great undifferentiated whole where right and wrong, good and evil, are all part of the oneness of the universe. Remember "Star Wars"? The Force was both good and evil at the same time. Pantheism denies one of the basic rules of philosophy, which is that two opposite things cannot both be true at the same time. Because Pantheism denies that there are absolutes, things which are true all the time, it holds that all right and wrong is relative. Right and wrong are determined by

cultures and situations. So murdering one's unborn baby might be right for one person and wrong for another.

Theism says that there is such a thing as absolute truth, and absolute right and wrong. We can know this because this information has come to us from a transcendent source outside of ourselves and outside of our world. Christian Theism says that the God who created us has also communicated certain truths to us. He communicated generally, through His creation, and He communicated specifically and understandably through His Word, the Bible. We call this revelation. Christian Theism says that absolute truth is rooted in God Himself, who is an Absolute; He is Truth. As Creator, He has the right to tell us the difference between right and wrong, and He has taken great care to communicate this to us.

That's why Steven Covey's illustration was so powerful. When he pulled out a compass, he showed that we need a transcendent source of information, something outside ourselves and which is fixed and constant, to show us the moral equivalent of "North." We are creatures created to be dependent on our Creator for the information we need to live life right. God has given us a compass in revelation.

#### How Do You Know That You Know?

This question generally doesn't come up around the cafeteria lunch table at work, and even the most inquisitive toddler usually won't ask it, but it's an important question nonetheless: How do you know that you know?

There's a great scene in the movie *Terminator 2* where the young boy that the cyborg terminator has been sent to protect, is threatened by a couple of hoodlums. The terminator is about to blow one away when the young boy cries out, "You can't do that!" The terminator—Arnold Schwarzenegger—asks, "Why not?" "You just can't go around killing people!" the boy protests. "Why not?" "Take my word for it," the boy says. "You just

can't." He knew that it was wrong to kill another human being, but he didn't know how he knew. There are a lot of people in our culture like that!

Naturalism, believing that there is nothing beyond space, time and energy, would answer the question by pointing to the human mind. Rational thought—iguring things out deductively—is one prime way we gain knowledge. Human reason is a good enough method to find out what we need to know. The mind is the center of our source of knowledge. Another way to knowledge is by accumulating hard scientific data of observable and measurable experience. This view says that the source of our knowledge is found in the senses. We know what we can perceive through what we can measure. Since naturalism denies any supernaturalism (anything above or outside of the natural world), what the human mind can reason and measure is the only standard for gaining knowledge.

Pantheism would agree with this assessment of how we know that we know. Followers of pantheism tend to put a lot of value on personal experience. The rash of near- and after-death experiences in the past few years, for example, are extremely important to New Agers. These experiences usually validate the preconceptions of pantheistic thought, which denies absolutes such as the Christian tenet that Jesus is the only way to God. The experiences of past- lives therapy have persuaded even some Christians to believe in reincarnation, even though the Bible explicitly denies that doctrine, because personal experience is often considered the most valid way to know reality.

Christian Theism says that while human reason and perception are legitimate ways to gain knowledge, we cannot depend on these methods alone because they're not enough. Some information needs to be given to us from outside the system. An outside Revealer provides information we can't get any other way. Revelation—revealed truth from the One who knows everything—is another, not only legitimate but necessary way

to know some important things. Revelation is how we know what happened when the earth, the universe and man were created. Revelation is how we know what God wants us to do and be. Revelation is how we can know how the world will end and what heaven is like. Revelation in the form of the Lord Jesus Christ is the only way we can experience "God with skin on."

Naturalism's answers are inadequate, depressing, and wrong; pantheism's answers are slippery, don't square with reality, and wrong; but Christian theism—the Christian worldview—is full of hope, consistent with reality, and it resonates in our souls that it's very, very right.

#### Notes

1. These questions are taken from James W. Sire's book *The Universe Next Door* (Downers Grove, Ill.:InterVarsity Press), 1977.

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