

Marshall McLuhan: The Medium is the Message

The High Priest of Pop-Culture

In this article we will begin an examination of someone who most people do not know, but who is considered by many to be the first father and leading prophet of the electronic age, Marshall McLuhan. A Canadian born in 1911, McLuhan became a Christian through the influence of G.K. Chesterton in 1937. He wrote his monumental work, one of twelve books and hundreds of articles, *Understanding Media: The Extensions of Man*, in 1964. The subject that would occupy most of McLuhan's career was the task of understanding the effects of technology as it related to popular culture, and how this in turn affected human beings and their relations with one another in communities. Because he was one of the first to sound the alarm, McLuhan has gained the status of a cult hero and "high priest of pop-culture".[\[1\]](#) This status is not undeserved, and McLuhan said many things that are still pertinent today.

His thought, though voluminous, is frequently reduced to one-liners, and small sound bites, which sum up the more complicated content of his probing and rigorous examination of the *media*, a word that he coined. Concerning the new status of man in technological, and media-dominated society, he said:

If the work of the city is the remaking or translating of man into a more suitable form than his nomadic ancestors achieved, then might not our current translation of our entire lives into the spiritual form of information seem to make of the entire globe, and of the human family, a single consciousness?[\[2\]](#)

In statements like this, McLuhan both announces the existence

of a *global village*, another word he is credited for coining, and predicts the intensification of the world community to its present expression. All of this was done in the early 1960s at a time when television was still in its infancy, and the personal computer was almost twenty years into the future.

McLuhan is announcing what Lewis H. Lapham says is a world of people who worship the objects of their own invention in the form of fax machines and high speed computers, and accept the blessings of *Coca-Cola* and dresses by Donna Karan as the mark of divinity.{3} The fact that more people watch television than go to church is nothing new to us, but it was one of the tell-tale signs of a cultural shift in history for McLuhan; a shift which has been imperceptible to most, and devastating to all. If anyone doubts McLuhan's warning that "we become what we behold," he should reflect on the consuming desire of many average teenagers to be like Michael Jordan, Madonna, or Britney Spears: a desire that has resulted in a culture of plastic surgery and drive-by shootings to obtain tennis shoes.

Objects of Desire

In our continuing examination of Marshall McLuhan, the patriarch of media criticism, we will explore the totalitarian techniques of American advertising and market research on the unsuspecting consumer.{4} How this is accomplished, and the effects it has, were outlined in *The Mechanical Bride*, first published in 1951. The book dealt with the influence of print media on the male and female psyche. The objective of advertising men, said McLuhan, is the manipulation, exploitation, and control of the individual.{5} If this is true, then who, one might ask, was doing the controlling, and what was the desired effect?

The advertising companies were doing the controlling, and the desired effect was nothing loftier than selling products to unsuspecting customers. Making women into objects of desire by men, and then in turn selling the women the products to help

them achieve the effect of desirability, accomplished the entire enterprise. The advertising men succeeded in creating a market where one did not previously exist. The purpose here, and earlier for McLuhan, is not to vilify the advertising industry, rather it is to provide insight into how media functions. One such insight is McLuhan's description of the contemporary mindset of a woman under the influence of advertising geniuses. He said:

To the mind of the modern girl, legs, like busts, are power points, which she has been taught to tailor, but as parts of the success kit rather than erotically or sensuously. She swings her legs from the hip . . . she knows that a "long-legged girl can go places." As such, her legs are not intimately associated with her taste or with her unique self but are merely display objects like the grille on a car. They are date-bated power levers for the management of the male audience. {6}

What McLuhan correctly ascertains is not the fact that women try to look attractive for men (presumably women have been doing this for a long time), but the idea of "polishing" each and every part for a kind of optimal performance. The modern woman has been taught through advertising bombardments that every feature of her physical makeup can be enhanced for the specific purposes of gaining a husband, a promotion, or just getting a door opened.

As one might suspect, there is a male counterpart to this advertising bombardment. The overwhelming superwoman, the possessor of beauty and grace in degrees hitherto unimaginable, demands an impossibly high standard of virility from her male counterpart. The result says McLuhan, are men who are readily captured by the gentleness and guile of women, but who are also surrounded by a barrage of body parts. The man is not won over, but slugged, and beaten down in defeat. {7}

Technology as Extensions of the Human Body

In our continuing look at Marshal McLuhan, the man who coined the term “global village” and the phrase “the medium is the message,” we will reflect on what he had to say about the various ways human beings *extend* themselves, and how these extensions affect our relationships with one another. First, we must understand what McLuhan meant by the term “extension(s).”

An extension occurs when an individual or society makes or uses something in a way that extends the range of the human body and mind in a fashion that is new. The shovel we use for digging holes is a kind of extension of the hands and feet. The spade is similar to the cupped hand, only it is stronger, less likely to break, and capable of removing more dirt per scoop than the hand. A microscope, or telescope is a way of seeing that is an extension of the eye.

Considering more complicated extensions, one might think of the automobile as an extension of the feet. It allows man to travel places in the same manner as the feet, only faster and with less effort. In addition, this extension enables one to travel in relative comfort in extreme weather conditions. Most individuals already understand the concept of extension, but many are unreflective when it comes to what McLuhan calls “*amputations*,” the counterpart to extensions.

Every extension of mankind, especially technological extensions, have the effect of amputating or modifying some other extension. An example of an amputation would be the loss of archery skills with the development of gunpowder and firearms. The need to be accurate with the new technology of guns made the continued practice of archery obsolete. The extension of a technology like the automobile “amputates” the need for a highly developed walking culture, which in turn

causes cities and countries to develop in different ways. The telephone extends the voice, but also amputates the art of penmanship gained through regular correspondence. These are a few examples, and almost everything we can think of is subject to similar observations.

McLuhan believed that mankind has always been fascinated and obsessed with these extensions, but too frequently we choose to ignore or minimize the amputations. For example, we praise the advantages of high speed personal travel made available by the automobile, but do not really want to be reminded of the pollution it causes. Additionally, we do not want to be made to think about the time we spend alone in our cars isolated from other humans, or the fact that the resulting amputations from automobiles have made us more obese and generally less healthy. We have become people who regularly praise all extensions, and minimize all amputations. McLuhan believed that we do so at our own peril.

The Dangers of Over-extended Technology

We have discussed the idea of extensions and amputations caused by new technology, which is introduced into society. The automobile was previously mentioned as an extension of the foot. The car allows one to travel, just as the foot does, only faster and with less effort. The amputations which result would include loss of muscle strength in the under-utilized legs, and the reduction in the quality of air we breathe.

Something occurs when a medium like the automobile, used for transportation, becomes over-extended. The resulting amputations such as muscle atrophy, smog, and high-speed fatalities increase at a rate that challenges the benefits initially gained. Automobile fatalities, lung disease, and obesity caused by modern transportation begin to outweigh the benefits of getting to our destinations quicker and with less effort. The final movement is the reversal of the benefits. McLuhan said:

Although it may be true to say that an American is a creature of four wheels, and to point out that American youth attributes much more importance to arriving at driver's-license age than at voting age, it is also true that the car has become an article of dress without which we feel uncertain, unclad, and incomplete in the urban compound.[\[8\]](#)

To this observation might be added the fact that we train children from a very young age to stand within a few feet of high-speed vehicles without being afraid. Less than two hundred years ago a screaming locomotive or a high speed automobile would have caused a person to flee in terror for their lives. We have slowly conditioned ourselves to not be afraid of something that is in fact extremely dangerous. Similarly, we know that speed limits of twenty miles an hour would almost certainly eliminate most car fatalities, but we also consider the advantages of getting to our destinations quicker to be worth the resulting death rate. Proof of this casual acceptance of the disadvantages of the car could be imagined if one were to consider the fate of a political candidate who ran on a platform of reducing the national speed limit to twenty miles per hour. We know the advantages, even before implementation, but we choose to accept the disadvantages because there is a privileging of all types of technological extension, even deadly and horrific forms.

We are now prepared to consider the specific types of extensions realized by the television, mobile phone, and computer. If we take McLuhan's lead then all of these must be simultaneously considered as extensions with both positive and negative amputations of previous technologies.

Four Questions Applied to Media

We are concluding our considerations of Marshall McLuhan's pertinence with an examination of ideas found in his last work, *The Global Village*, published in 1989, twenty-five years

after his monumental *Understanding Media: The Extensions of Man*. In his early works McLuhan focused on the rapid change in the five centuries since the development of the printing press and movable type, and the especially rapid developments of the twentieth-century. McLuhan died in 1980 and was beginning to see the first fruits of the television generations as well as the fulfillment of some of his predictions. He was deeply concerned about man's willful blindness to the downside of technology, yet McLuhan was not an irrational alarmist.

In his later years, and partially as a response to his critics, McLuhan developed a scientific basis for his thought around what he termed the *tetrad*. The *tetrad* allowed McLuhan to apply four laws, framed as questions, to a wide spectrum of mankind's endeavors, and thereby give us a new tool for looking at our culture.

The first of these questions or laws is "What does it (the medium or technology) extend?" In the case of a car it would be the foot, in the case a phone it would be the voice. The second question is "What does it make obsolete?" Again, one might answer that the car makes walking obsolete, and the phone makes smoke signals and carrier pigeons unnecessary. The third question asks, "What is retrieved?" The sense of adventure or quest is retrieved with the car, and the sense of community returns with the spread of telephone service. One might consider the rise of the cross-country vacation that accompanied the spread of automobile ownership. The fourth question asks, "What does the technology reverse into if it is over-extended?" An over-extended automobile culture longs for the pedestrian lifestyle, and the over-extension of phone culture engenders a need for solitude.

With the radio and television we have simultaneous access to events on the entire planet. However, television culture diminishes, or amputates, many of the close ties of family life based on oral communication. The simple act of turning on a television can reduce a room of people to silence. What is

retrieved is the tribal or interrelated view of man. What it becomes or returns to is the global theater, where people are actors on a stage. One need only witness the event status of an airplane crash or weather disaster.

On McLuhan's gravestone are the words "The Truth Shall Make You Free." We do not have to like or even agree with everything that McLuhan said, but we should nevertheless remember that his life was dedicated to showing men the truth about the world they live in, and the hidden consequences of the technologies he develops.

Notes

1. 1969 interview in *Playboy* magazine originally titled "A Candid Conversation with the High Priest of Popcult and Metaphysician of Media," pp. 53-74, in *The Essential McLuhan*, Eric McLuhan and Frank Zingrone (ed.), (New York: Basic Books, 1995), pp.233-69.

2. *Understanding Media: The Extensions of Man* (Cambridge: The MIT Press, 1994), p.61

3. Lewis H. Lapham in the introduction to the thirtieth anniversary edition of *Understanding Media* (Cambridge: The MIT Press, 1994), pp.xx-xi.

4. See McLuhan's work *The Mechanical Bride: Folklore of Industrial Man* (New York: Vanguard Press, 1951). This is an intensive examination of the effects of advertising and comics in producing new perceptions about what we should and do desire, as well as why we believe these things will bring us happiness.

5. "The Mechanical Bride," in *The Essential McLuhan*, Eric McLuhan and Frank Zingrone (ed.), (New York: Basic Books, 1995), p.21.

6. "The Mechanical Bride," in *The Essential McLuhan*, p.24.

7. Ibid. p.25.

8. *The Essential McLuhan*, p.217.

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Probe Staff Responds to the Terrorist Attack on America

Words are difficult to form when seeking to respond to the tragic events of September 11, 2001 in New York City and Washington D.C. Evil of the most despicable sort has truly visited our shores. But amidst the numbing horror of watching the unbelievable scenes on television and the disgusting displays of celebration from some in Palestine, an emotion lacking in my heart was anger.

I am confident that every attempt at finding those who helped mastermind this complex act of terrorism will be made. They must be brought to justice and I support every legal effort to do so. However, I understand that those who brought these tragic events about justify it on the basis of faulty assumptions, a different worldview. This scheme was brought about by not necessarily a sick mind but a deceived and confused mind. They may even believe, if they turn out to be Islamic fundamentalists, that they will have gained a greater reward in the next life for killing huge numbers of "infidels" (unbelievers). This points out all too powerfully that in order to engage our increasingly global culture for Christ, we need to understand not only what we believe and why, but also the worldview of those around us. Not only are our

evangelistic efforts imperiled, but our very lives are threatened if we fail to do so.

Unbridled anger is also unproductive. It can lead to making mistakes in a rush to find someone to blame. To seek vengeance as opposed to justice is to abandon a Christian worldview. Paul admonishes us to never pay back evil for evil to anyone. He further reminds us that vengeance belongs to God and to feed our enemy, therefore overcoming evil with good (Romans 12:17-21). Paul further reminds us in the next chapter that the government carries the God-given responsibility for justice, “for it does not bear the sword for nothing, for it is a minister of God, an avenger who brings wrath upon the one who practices evil” (Rom. 13:4b).

Let us pray, and donate our blood and money for the families of those who have been murdered, the injured, those still missing but alive, the rescue workers and medical personnel, and especially pray for those in our government responsible for investigating and ultimately apprehending those who planned these acts of terrorism that adjectives simply can't adequately embrace.

Sue Bohlin:

Several observations have struck me and stuck with me as I've watched, listened, assimilated and prayed over the disaster.

1. Many people are experiencing fear that they find difficult to shake. The antidote to fear is to know the presence of the Lord, and I think we need to continually invite Him and the sense of His presence into our hearts, our minds, and our feelings. I think it's essential to remind ourselves that *a loving God is in control*, and to communicate this to our children.



2. As I was meditating on the inevitable question that so many people would ask: "Where was God in the midst of this disaster?" I realized that Jesus was on the hijacked planes, He was in the World Trade Center offices, and He was at the Pentagon. I remembered the painting of the Lord Jesus knocking at the door of the U.N. building. In my mind's eye, I could easily see Him standing before the twin towers of the World Trade Center, and then I "saw" Him turned around, facing the planes on their deadly missions, and realized *they had to fly through Jesus*, and through His heart, to get to the buildings. The terrorists inflicted fresh pain on the Lord just as they devastated the American people.

3. In hearing people's anguished voices on talk radio, and reading their impassioned posts on the internet, and seeing their pained faces in real life, I sensed a strong desire for justice. Many expressed outrage at the unfairness and the *evil* of this despicable act. And I thought, as a culture we can talk about everybody having the right to their own truth and the universal validity of everyone's experience, but a tragedy like this shows what a hollow and deceptive philosophy that is. Where did the strong sense of right and wrong, of good and evil, come from if not from the fact that "God has planted eternity in the hearts of man" (Eccl. 3:11)? Within moments of hearing about the terrorist attacks, I started praying that people (including the media) would talk about this as an act of evil, making the moral judgment that calling something evil

is. . . and was so glad to hear Peter Jennings use that word moments later. President Bush wisely and I am sure deliberately used the word “evil” several times in his message the night of the attacks.

4. Several friends have remarked that they don’t feel safe anymore; they feel like they’re in a war zone and their world could blow up at any time. What a poignant reminder that in actuality, we live in a *spiritual* war zone. We are in more danger of the enemy’s flaming darts and philosophical scud missiles, every single day of our lives, than we are of hijacked planes slamming into buildings. We need to stay vigilant and trust in God all the time. Which reminds me. . . God is good. All the time. All the time, God is good.

Michael Gleghorn:

As the prophet Jeremiah surveyed the destruction of Jerusalem he wept, pouring out his grief in the poignant poetry of the Old Testament book of Lamentations. The ruthless honesty with which he attempts to reconcile his profound sense of loss with the sovereign will of a holy God is, ironically, both heartbreaking and refreshing. He offers no trite phrases, no easy answers. Indeed, he freely confesses, “My strength has perished, and so has my hope from the Lord” (3:18).

Yet in the midst of his despair and the desolation of his city a light begins to dawn, a ray of hope breaks through the darkness and gloom and he writes his now famous words:

“This I recall to my mind, therefore I have hope. The Lord’s lovingkindnesses indeed never cease, for His compassions never fail. They are new every morning; great is Thy faithfulness. ‘The Lord is my portion,’ says my soul, ‘therefore I have hope in Him’” (3:21-24).

Though we may not fully understand why God would allow Tuesday’s tragic events we can, like Jeremiah, still look to Him in hope. Even in the midst of our pain and confusion, we

can humbly remember His faithfulness, compassion and loyal love.

Pat Zukeran:

Yesterday's attack challenges each person's beliefs and convictions. It brought the reality home to all of us, that life is fragile and eternity is only one step away. At times like these we really begin to search and question our beliefs. It is at these times we see if our belief system really addresses life's greatest questions and if it provide the answers.

Yesterday we saw that only the Christian worldview stood the test. Never have we heard so many people turning to God for strength, for answers and for healing. This shows the natural reaction of man to turn to God in times like these. Each man and woman has the knowledge of God imbedded in his or her heart. As Romans 1:18 states, all men and women have knowledge of God but suppress this truth to justify living independently of Him. However, in times like this, we see this knowledge that man suppresses, rise up and come to the forefront of his thoughts. We can only question this act of terror, seek comfort, and hope only in relation to God Whose nature is revealed in the Bible. No other worldview can address an issue like this and make any sense of it, or bring a message of any hope.

The naturalist believes there is no God and that we are just accidents of time and chance. Therefore, there really is no ultimate reason or purpose behind our existence in the vast universe. Naturalists must realize that, in their belief system, thousands of their loved ones have died for no reason and we will never see them again forever and ever. Those who were burned alive or jumped to their deaths from the burning buildings, firemen who rushed in to the World Trade Center to rescue their fellow citizens, died a meaningless death and are now extinct forever. What hope, what meaning is there in the

naturalist worldview? Where are the atheists and humanists proclaiming their message of eternal extinction? They are all silent.

Pantheists will state that evil and sin are really an illusion. How then do we respond to this event? The pantheist's understanding of reality and human nature cannot make sense of this act.

To the Postmodernists who believe all truth is relative and decided by each individual, can those who truly believe this say this was an evil act? Those who flew this suicide mission and their supporters say no. So do we have the right to condemn them? Relativists, I am sure, are rethinking their position. Americans are angered and seeking justice to be executed on the perpetrators. This is the only right response, to seek justice, and that can only be done if there is a universal basis for right and wrong. Otherwise, if we hold to the relativist's position, we should tolerate this act as a one group freely expressing their ideas. Fortunately for Christians, we can respond properly for there are absolutes of right and wrong declared to us from God's word. Only on this basis can we seek a basis for executing justice.

Only the Christian worldview can bring an understanding, meaning, and hope to this tragedy. The Christian worldview correctly diagnosis human nature, that man is created in the image of God but sinful and separated from God. Therefore, he falls prey to false beliefs and is capable of doing great evil. Only Christianity gives the message of hope that God is in control and will execute justice and one day overcome all evil. Only Christianity can give hope that those in Christ will live eternally in the presence of God. Life is fragile, but there is a life beyond the grave where justice is restored, peace is forever, and love will be experienced in its greatest way. Finally, seeking justice is the right response, for God's word states, "You shall not murder." Human life is sacred, and we are angered and in sorrow for beings

made in the image of God are all valuable to Him and He weeps when they are destroyed by the evil we enact on fellow image bearers. This event only makes sense in reference to God.

That is why many are turning to Him now. Now is the time for Christians to expose false ideas and proclaim truth throughout our country and the world.

Second, it challenges us to see that religious values have consequences. What would motivate men to go on suicide missions and kill thousands of people? It is the Islamic belief that if a man dies in a Jihad, he will spend eternity in heaven sitting on couches, drinking wine, and enjoying the sensual pleasures of the heavenly maidens of whom he can take as many as he desires. This false religion, begun in violence, has devastating consequences of which we have now become aware. I can only conclude this is an evil force that has captured the hearts and minds of young men and led them to commit some of the worst acts of evil in the name of their false God. We Christians must pray and seek to win those lost Muslims to a saving knowledge of Jesus Christ.

Jimmy Williams:

A recent bestdeller by Tom Brokaw is entitled *The Greatest Generation*. The people to whom he referred (and honored) were those who faced the horrors of World War II. They met their challenge with resolve and personal sacrifice, overcoming their enemies and helping to create a new "beginning" for planet Earth. Why were they "great?" What kind of environment could forge such men and women?

The fathers and mothers of this "great" generation entered the 20th century optimistically. The light bulb. The automobile. The airplane. But then came World War I. It was called The "Great War." And so it was. Never had the world seen such carnage on the battlefield. An estimated ten million died and twenty million were injured.

Quickly following came the "Great Depression." Times were hard in America, and the economy didn't really recover until the demands of war with Germany and Japan jump-started American industry. 400,000 Americans died in this war. Every home in America had been touched by death and injury to their friends and loved ones.

When it was over, this was a cleansed and grateful generation. No theory here. They had experienced and affirmed anew what they deemed REALLY important. The spirit, bravery, and sacrifice of their lives spilled over upon their children, the first post-war generation (baby boomers).

Life was good, and getting better. Unfortunately, it didn't last twenty years. The turbulent Sixties followed. Assassinations. Flower Children. Vietnam. Ingratitude. "Me First." Personal peace and affluence. Security. Unbridled freedom and non-stop entertainment of some kind.

While in church this first Sunday after September 11, I was struck by the awesome power of the words in the hymns we sang: "God of Our Fathers," "A Mighty Fortress is Our God," and "How Firm a Foundation." They just flew off the page at me! It made me realize that the people who wrote these great hymns were probably much closer to living every day in a world of "uncertainty" and danger which Americans have just now rediscovered in the reality of our current shock, grief, and even fear.

Perhaps this tragic event is an opportunity for all Americans to be cleansed and purged and purified to such an extent that we might be among those who one day could come to be honored as another "greatest" Generation.

A "legacy of faith" has been prevalent throughout the history of our country which has periodically refashioned and refreshed the nation, giving it a strong religious flavor, not unnoticed by foreign observers. English novelist and poet G.K.

Chesterton remarked in 1922 that the United States is “a nation with the soul of a church.” May it be so again in these days.

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Harry Potter

How should wise Christian parents look at the Harry Potter phenomenon? Chances are your kids or grandkids are clamoring to read these incredibly best-selling books. And since only the first of the four books (out of a planned total of seven) is out in paperback, buying these thick hardback books requires a considerable cash outlay as well.

There is a lot to be said in favor of these books:

- They are very well-written fantasy, and a pleasure to read. Even adults enjoy reading them to children—and to themselves. (In England, there is an edition produced especially for adults who are embarrassed to be seen reading a children’s book!)
- Because they are written for young boys, they captivate the imagination of almost *all* children.
- They tap into the poignancy of the powerlessness of children, which is a painful part of being young.
- They are full of real-life situations, ranging from the embarrassing to the hurtful to the scary to the satisfying, that real-life kids experience.
- They pit good against evil, with the good guys really

being the *good* guys.

- They are getting hundreds of thousands of kids excited about reading.

But there's one substantial difficulty with the Harry Potter series. They make sorcery and witchcraft enticing to the reader. And that is not consistent with a Christian worldview, where we are called to "take every thought captive to the obedience of Christ"[{1}](#). God gives us very strong and clear commands about witchcraft: it is a sin,[{2}](#) it is an abomination before God,[{3}](#) and the Old Testament penalty for sorcery or witchcraft was death.[{4}](#) The proscription against the practice of magic is continued in the New Testament.[{5}](#)

When Christians and other conservative people make this complaint against the Harry Potter books, one often hears a condescending dismissal about the evils of censorship. No mention is made of the substance of the concern with witchcraft itself, which is a reasonable one.

Fantasy vs. Real-World

Many people impatiently respond, "But it's *fantasy*! It's only make-believe! Nobody's going to really *believe* that this stuff is true!" But the author J.K. Rowling revealed in *Newsweek* that she gets "letters from children addressed to Professor Dumbledore [headmaster at Hogwarts School of Witchcraft and Wizardry, the books' setting], and it's not a joke, begging to be let into Hogwarts, and some of them are really sad. Because they want it to be true so badly they've convinced themselves it's true."[{6}](#) She answers those letters herself.

I think it's important to point out that there is an important difference between the fantasy magic of the world of Harry Potter, and the real-world magic that is condemned in the Bible. The fact that J.K. Rowling doesn't believe in witchcraft except as presented in the centuries-old British myths is important; she honestly isn't hoping to draw children

into the world of the occult (from everything I have read about her). Unfortunately, that doesn't mean it won't happen. Some people are going to be more sensitive to the draw of the occult, just as some people's bodies are going to be more sensitive to alcohol. The only responsible choice for both kinds of people is complete abstinence.

Connie Neal has written a book, [*What's a Christian To Do with Harry Potter?*](#). I really liked the way she explains the distinction between fantasy magic and occult (real-world) magic to kids: The magic in *Harry Potter* is make-believe, but the real-world magic in our world ALL falls in the category of "Dark Arts" magic, and those who play with it or pursue it are making themselves vulnerable to a very real evil spirit like Lord Voldemort. There is no such thing as everyday or good magic. Supernatural power that doesn't come from God is all evil. Kids can understand those kinds of boundaries.

Some people have likened the Harry Potter books to C.S. Lewis' *The Chronicles of Narnia*. While they are both fantasy literature, one is designed to create a thirst for Jesus and for heaven, and the other may create a thirst for power and manipulation. C.S. Lewis writes from a strong Christian worldview; J.K. Rowling writes from a naturalistic worldview that includes magic as a fact of life but excludes God. And by making witchcraft and wizardry so appealing, Harry Potter may be an alarmingly attractive door to the occult for some readers.

Can Harry Potter Be OK?

Is it possible to read the Harry Potter books without stumbling? If one's discernment filter is well-exercised and in place, yes. But is it wise? That depends on the individual—and it should definitely be a decision each parent makes for his or her own children. If we can watch *The Wizard of Oz* with our kids and not conclude that the presence of a couple of witches will send our kids into the occult, then we

can practice the same discernment about Harry Potter.

Hoping the Harry Potter phenomenon will just go away is about as practical as wishing away Christmas. You know your child; for some children, trying to keep them away from the books will only tempt them to read the books on the sly. In some cases, I believe it would be wiser for a parent or teacher to intentionally use them as a teaching tool to help develop children's "discernment muscles."

Just as we would never send children out to play in the street alone, it's a different story when we take their hands to walk them across the street, teaching them about safety in the process. In the same way, I would suggest that handing a Harry Potter book to a child to read on his own is the spiritual equivalent of sending a child out to play in the street. Or worse, sending her out into a minefield. However, it can be an invaluable experience for a parent to read the book out loud, stopping to ask questions that will help a child recognize the spiritual counterfeits that comprise witchcraft.

For example, there are several incidents of conjuring, where witches and wizards wave a magic wand and instantly produce things like food for a banquet. Conjuring is a counterfeit of the way God creates *ex nihilo*, out of nothing. Casting spells, such as speaking the word "Lumos!" to make one's magic wand become a light source, is a counterfeit of God's ability to speak things into existence.[\[7\]](#) Bewitching cars to make them fly and ceilings to twinkle like the night sky is a counterfeit of Christ's ability to do miracles like walking on water and feeding the 5,000 with five loaves and two fishes. Harry's invisibility cloak should be pointed out as make-believe, but God is always and true-ly with us even though He's invisible.

Despite the witchcraft in the Harry Potter books, there are clear moral lessons that can be discussed. Children can understand the painfulness of discrimination as they are

encouraged to think through the emotions of being despised simply because one's parents are non-magical Muggles. They can identify the ugliness of arrogance and pride displayed by Harry's Muggle family and his school tormentor, Draco Malfoy. The author has done a magnificent job of portraying the evil of Harry's arch-nemesis, Lord Voldemort, and children can be encouraged to talk about what makes evil, evil. This would provide an excellent opportunity to teach them that God has a plan to put an end to evil forever, and He proved it by disarming Satan at the cross.

A Final Warning

The Harry Potter books have a lot going for them, but there is potential spiritual danger in the way they make witchcraft so appealing to some people. There is not a clear-cut answer to this question because it is a modern-day "disputable matter." (See 1 Cor. 8 and Romans 14.) Some people will have freedom to read the books and see the movie without it violating their conscience; others cannot do that. I think it's important for those with freedom not to boast about their freedom or look down their noses at those who choose not to get into Harry Potter, and it's equally important for those who have been led to avoid Harry Potter not to judge those who haven't been led that way.

Notes

1. 2 Corinthians 10:5
2. 1 Samuel 15:23
3. Deuteronomy 18:10-11
4. Exodus 22:18
5. Galatians 5:20
6. "The Return of Harry Potter!" *Newsweek*, July 10, 2000, p. 58.
7. Genesis 1:3

Terrorism in America

Many are calling it one of the bloodiest days in American history. And now we face the prospect that terrorism has become a part of modern life. Crashing planes into buildings, hijackings, bombings, and assassinations on different continents of the world may seem like isolated attacks, but they reflect an easy reliance on violence as a way to promote social, political, and religious change. They are elements of a pervasive “end justifies the means” philosophy being followed to its most perverse conclusions.

Terrorism has become the scourge of democratic governments. According to Rand Corporation expert Brian Jenkins, nearly a third of all terrorists attacks involve Americans. Democratic governments, accustomed to dealing within a legal structure, often find it difficult to deal with criminals and terrorists who routinely operate outside of the law. Yet deterrence is just as much a part of justice as proper enforcement of the laws.

Democratic governments which do not deter criminals inevitably spawn vigilantism as normally law-abiding citizens, who have lost confidence in the criminal justice system, take the law into their own hands. A similar backlash is beginning to emerge as a result of the inability of Western democracies to defend themselves against terrorists.

But lack of governmental resolve is only part of the problem. Terrorists thrive on media exposure, and news organizations around the world have been all too willing to give terrorists what they crave: publicity. If the news media gave terrorists the minuscule coverage their numbers and influence demanded, terrorism would decline. But when hijackings and bombings are

given prominent media attention, governments start feeling pressure from their citizens to resolve the crisis and eventually capitulate to terrorists' demands. Encouraged by their latest success, terrorists usually try again. Appeasement, Churchill wisely noted, always whets the appetite, and recent successes have made terrorists hungry for more attacks.

Some news commentators have been unwilling to call terrorism what it is: wanton, criminal violence. They blunt the barbarism by arguing that "one man's terrorist is another man's freedom fighter." But this simply is not true. Terrorists are not concerned about human rights and human dignity. In fact, they end up destroying human rights in their alleged fight for human rights.

Terrorism has been called the "new warfare." But terrorists turn the notion of war on its head. Innocent non-combatants become the target of terrorist attacks. Terrorist warfare holds innocent people hostage and makes soldier and civilian alike potential targets for their aggression.

Terrorist groups are not living in fear of their host governments. Instead, law-abiding citizens live in fear of terrorist groups. In one TV interview a Middle Eastern terrorist was quoted as saying, "We want the people of the United States to feel the terror."

The ability of these groups to carry out their agenda is not the issue. The fundamental issue is how U.S. government leaders should deal with this new type of military strategy. Terrorists have held American diplomats hostage for years, blown up military compounds, and hijacked airplanes and cruise ships. Although some hostages have been released, many others have been killed and the U.S. has been unsuccessful at punishing more than a small number of terrorists.

Although international diplomacy has been the primary means

used by the United States against terrorism, we should consider what other means may also be appropriate. In the past, American leaders have responded to military aggression in a variety of ways short of declaring war.

Military strategy must be deployed which can hunt down small groups of well-armed and well-funded men who hide within the territory of a host country. We must also develop a political strategy that will allow us to work within a host country. We must make it clear how serious the United States takes a terrorist threat. American citizens are tired of being military targets in an undeclared war.

Through diplomatic channels we must make two things very clear to the host country. First, they should catch and punish the terrorist groups themselves as civilian criminals. Or, second, they should extradite the enemy soldiers and give them up to an international court for trial.

If the host country fails to act on these two requests, we should make it clear that we see them in complicity with the terrorist groups. But failing to exercise their civil responsibility, they leave themselves open to the consequences of allowing hostile military forces within their borders.

In some cases, an American strike force of counterterrorists might be necessary when the threat is both real and imminent. This should be the option of last resort, but in certain instances it may be necessary. In 1989, for example, Israeli special forces captured Sheik Obeid and no doubt crippled the terrorist network by bringing one of their leaders to justice. Such acts should be done rarely and carefully, but they may be appropriate means to bring about justice.

In conclusion, I believe we must recognize terrorism as a new type of military aggression which requires governmental action. We are involved in an undeclared war and Congress and the President must take the same sorts of actions they would

if threatened by a hostile country. We must work to deter further terrorist aggression.

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Looking for God

Looking for God

*If God had a name, what would it be?
And would you call it to His face?
If you were faced with Him in all His glory,
What would you ask if you had just one question?
Yeah, yeah, God is great.
Yeah, yeah, God is good.*

God has made a comeback in pop music in recent years. In her song “One of Us,” Joan Osborne wonders what we might ask God if we stood face-to-face with Him.[\[1\]](#) Writer Tom Beaudoin sees a spilled pitcher of milk in the music video for R.E.M.’s “Losing My Religion” as a symbol of the loss of religious authority in the lives of Gen-Xers.[\[2\]](#) Madonna’s video for the song “Like a Prayer” is full of religious symbolism: an altar, a crucifix, candles, and other icons.[\[3\]](#)

Tom Beaudoin, a member of Generation X himself, says his generation is “strikingly religious.” They express their spirituality through pop culture rather than through institutional religion.[\[4\]](#) The shift from the word *religion* to *spirituality* is significant here. Having lost confidence in institutional religion to provide satisfactory answers to

important issues, Xers look elsewhere; often mixing ideas and religious expressions from a variety of sources as each person chooses for him or herself what to believe.

Beaudoin says Xers are on an “irreverent spiritual quest.” Feeling abandoned by parents, churches, politicians, and even technology, they seek their own path in finding meaning for their lives. Campus minister Jimmy Long writes, “Xers are twice as likely as people in [the Boomer] generation to be children of divorce. Between 1960 and 1979 the American divorce rate tripled.” He continues, “Fifty percent of today’s teenagers are not living with both birth parents.”[\[5\]](#)

Looking outside the home, Xers feel let down as they look at what the Boomer generation left them.[\[6\]](#) They were alarmed by the TV movie *The Day After* that was about the results of nuclear war. The spaceship Challenger blew up shortly after takeoff; Watergate was fresh in our cultural memory; environmentalists were pointing to the severe damage to nature caused by technology. Xers thus see themselves as fixers, as those who have to clean up the mess preceding generations made. But since their own backgrounds were often so difficult, many simply hope to take charge of their own lives.

Finding little stability around them to give them any confidence that there is such a thing a objective truth which remains the same, and thus no ultimate truth which makes sense of everything, they feel the burden of providing their own meaning of life and establishing their own moral standards. Jimmy Long quotes Eric, a Gen-Xer who speaks of the stress this puts on him. “There’s too much pressure from outside,” he says.

“Life gets pretty complicated when you have to think carefully about everything you do, deciding for yourself whether it’s right or wrong. In the end there can be so many conflicts going on inside of you that you can’t do anything, it becomes impossible to be happy with what you think at any

point.”{7}

As a result of all this, when they want to find their place in this world, Xers turn to friends. Their small communities of friends provide a structure for truth and meaning. Consensus means more with respect to “truth” than logic and facts.{8} “Busters process truth relationally rather than propositionally,” say Celek and Zander.{9} The emphasis on community in Xer culture reveals their desire to get along, not get ahead; to connect, not conquer.{10}

The modernistic search for utopia without invoking God has been turned on its head with the Buster generation. Their horizons and ambitions might be smaller than those of their parents, but they have an openness to the transcendent that their parents didn’t have. Spirituality is now an accepted aspect of life; Xers are open to a sense of fellowship with something bigger than themselves.

In his collection of short stories, *Life After God*, Doug Coupland allows a man he calls Scout to tell about himself and his small group of friends. Scout tells about the early, carefree days of fun and camaraderie, a time of living in paradise in which “any discussion of transcendental ideas [was] pointless.”{11} As time went by, however, they all saw their dreams fade in the realities of everyday life. Scout had this to say about his life:

Sometimes I want to go to sleep and merge with the foggy world of dreams and not return to this, our real world. Sometimes I look back on my life and am surprised at the lack of kind things I have done. Sometimes I just feel that there must be another road that can be walked—away from this person I became—either against my will or by default. . . .

He continues:

Now—here is my secret: I tell it to you with the openness of heart that I doubt I shall ever achieve again, so I pray that you are in a quiet room as you hear these words. My secret is that I need God—that I am sick and can no longer make it alone. I need God to help me give, because I no longer seem to be capable of giving; to help me be kind, as I no longer seem capable of kindness; to help me love, as I seem beyond being able to love.[{12}](#)

This first fully postmodern generation needs to understand that they aren't alone: we *all* need God. The good news is that God has not left us wandering in a dark place but has come looking for us. He is not aloof, off making other worlds, or too busy gussying up heaven to notice us down here. He has taken on our flesh and become one of us. What if God was one of us, Joan Osborne? He was! He looked like us, hurt like us, laughed like us. In this article I'm going to look at some of the characteristics of this God who became like us, to show how He has the answers Xers need.

God: A Person Who Sees and Feels

*If God had a face, what would it look like?
And would you want to see,
If seeing meant that you would have to believe,
In things like Heaven and in Jesus and the Saints,
And all the Prophets and . . .
Yeah, yeah, God is great.
Yeah, yeah, God is good.
Yeah, yeah, yeah, yeah, yeah" [{13}](#)*

What does God look like? He doesn't have a physical body. But what does He "look" like character-wise? Those of us born before Gen-X have a hard time understanding that many in this generation have no real understanding of the God of the Bible, the one in whom we ask them to commit their very souls. Who is

this God, anyway? Let's consider some of His characteristics.

A Person, Not a Force

First of all God is a *Person*, not some Star Wars "force." Because we're created in His image we can learn some things about Him from looking at ourselves. As we are persons, He is a Person. "He possesses life, self-consciousness, freedom, purpose, intelligence, and emotion,"[\[14\]](#) just like us. Thus it could rightly be said that the Old Testament patriarch Abraham could be called "the friend of God" (James 2:23). One cannot be a friend with a "force." Because God is a Person He can be involved in our lives, unlike a force, which cannot relate to us on a personal level.

One Who Sees . . .

Furthermore, this is a God who sees. The Bible teaches, "The eyes of the Lord are in every place, watching the evil and the good." (Prov. 15:3) We're told that He knows completely. God knows when the sparrow falls from the sky; He even knows the number of hairs on our heads! (Matt. 10:29-31)

More importantly, God knows our hearts (Acts 1:24). Those who recognize their need see this as great news. If, on the other hand, this makes us fearful because we know the badness in our hearts, we're also told that "He knows how we are formed; he remembers that we are dust" (Psa. 103:14). God doesn't look for those who meet His standard, for none of us can. He looks for the one who will believe and then obey. In fact, it's at the place of our greatest need that He meets us.

. . . With a Father's Eyes

Beyond that, God presents Himself to us as a father, as *the* Father. Unlike many fathers today, God takes His fatherhood seriously. He provides for our needs (Matt. 7:11). Like a shepherd looking for a lost sheep, God looks for the one who strayed away; not wishing that any should remain lost. There's a story in the New Testament about a father whose younger son asks for his inheritance only to squander it on wild living. He winds up feeding pigs to earn his food. Finally, he comes to his senses and returns home, prepared to be as one of the hired men, to give up his rights as a son. As he is approaching his home, his father sees him coming down the road. In his joy, the father gathers up his robe and runs down the road to embrace the son (and in those days men didn't typically act in such an undignified way), and he welcomes his son home. The father in the story represents God the Father.

One Who Feels

Even more than seeing, God *feels*. He truly "knows our pain." In Jesus, we see a God who weeps over the hardness of His people, who has compassion on those who are sick and on those caught in sin. He knows the feeling of rejection, having been rejected even by those who were close to him. When he was put to death by crucifixion he felt the weight of sin even though he had never sinned. And while bearing our sin, he felt forsaken by God, alienated, as it were, from his own Father.

In short, God is a Person who reveals Himself as the Father who knows all about us, as one who understands our hurts and who cares. This is a God who is in touch. This is a God to believe in.

The God Who Reaches Out

Loves and Cares

The character Scout in Doug Coupland's book, *Life Without God*, says he needs God. One reason, he says, is "to help me love, as I seem beyond being able to love."[\[15\]](#) The implication, of course, is that God has the capacity to help people love. To do this He must be a God of love Himself.

The Bible says that God *is* love (I John 4:8,16). It is a part of His very *nature* to love. This love is shown throughout Scripture in God's dealings with His people. Some critics see God in the Old Testament as angry and vengeful. But they are selectively focusing on the actions of a just and holy God in responding to wrongdoing. They overlook the love of God poured out on His people as He cared for them, protected them, and provided for their needs. *Lovingkindness* is a word used many times in descriptions of God. "But You, O Lord, are a compassionate and gracious God, slow to anger, abounding in love and faithfulness," (Ps. 86:15).

This love isn't just for the elite, for "super people." God cares for the "regular people." "For there is no partiality with God," the Bible says (Rom. 2:11; Acts 10:34). In fact, He chastises His people for treating the influential differently than others (James 2:1-7), and for attending to all their religious duties, but not demonstrating true love to those in need. "Learn to do right!" He says. "Seek justice, encourage the oppressed. Defend the cause of the fatherless, plead the case of the widow" (Isa. 1:17). The second greatest commandment, in fact, is to love our neighbor as ourselves (Luke 10:27-37), and our neighbor is anyone who is in need. Jesus reached out to the outsiders: the prostitutes, the lepers, and the poor. Those who knew their problems were the one's most drawn to him.

Reaches Out by Identifying and Drawing Near

What this reveals is a God that doesn't stand aloof, but who

draws near. From the beginning of the human race, He has been reaching out to us. When the first people sinned, God took the initiative to repair the breach. He established the people of Israel, and constantly sought after them, even when they were in open rebellion. This was all a precursor to God's most astonishing move. His love for us was so great that He chose to become one of us; He didn't stay apart from us, but rather He identified with us in the person of Jesus of Nazareth. Although he was God, He emptied Himself, and was "made in human likeness," and became a servant (Phil. 2:7).

As the shepherd searches for his sheep, God came looking for us. "Being in very nature God," the Bible says, Jesus "did not consider equality with God something to be grasped, but made Himself nothing, taking the very nature of a servant, being made in human likeness. And being found in appearance as a man, He humbled Himself and became obedient to death—even death on a cross!" (Phil. 2:6-8). Jesus became a man so he could bring mankind to Himself. And He did it by becoming one of us. This is a God to believe in.

The God Who Receives, Redeems, Reconciles, and Restores

Receives

One of the problems many Gen-Xers have is the feeling that they aren't acceptable. The child saw the departure of a parent through divorce as a personal rejection. Such familial rejection, whether real or just perceived, colors a child's attitude about himself and his acceptability. Sadly enough, many Gen-Xers deal with feelings of shame, thinking they aren't good enough. "If Dad or Mom left, I must not be worth much," they think.

Even in cases where both parents were present, children were

often left to raise themselves because of their parents' jobs. "They were the first full-blown 'latchkey children,'" say Celek and Zander, "coming home to a house where nobody was home." [\[16\]](#) What might at first seem like wonderful freedom often resulted in fear and a sense of aloneness. Even day care wasn't always enough to relieve the sense of being alone. Again, this felt like abandonment to many kids.

God isn't like fallen people, however. He receives anyone who will come to Him. He never turns anyone away, and He never leaves. We need not fear enemies from without, difficult tasks ahead, or the lack of provision for our needs (Deut. 31:6; Josh. 1:5; Heb. 13:5). "I will never fail you or forsake you," is His promise, a promise that has been affirmed by His people for centuries.

Redeems

The value God places on us is revealed by the fact of Jesus' death by crucifixion. By His death He *redeemed* us; He bought us out of slavery only to make us children of God. We are no longer "owned" by our old way of life. The slave standing on the block has been bought and paid for—not to remain as a slave but to become a child! The price we couldn't pay, Jesus did.

Reconciles

Gen Xers can have problems getting close to people because of the rejection they have felt. After all, for many, even parents were aloof from them; why should they get close to others? They may not feel like they *can* get close to others.

We're told in the book of Romans that God has taken the initiative to bring us close to Him, to reconcile us to Himself. Whereas formerly we were alienated from Him, now we can come near to Him in open communication. "We have peace with God through our Lord, Jesus Christ," the apostle Paul wrote (Rom. 5:1). God breaks down the walls for us.

Restores

Once our sin is taken care of through faith in Christ and we are reconciled with God we begin the process of being restored in the image of Christ. There is a fundamental change in us when our spirits are made alive through Christ. Building upon that, the Spirit of God begins slowly changing us from the inside out, conforming us to the image of Jesus, and making us like Him. This restoration will be complete when we are with Him.

Summed Up in the Cross and Resurrection

All this is summed up in the work of Jesus on the cross. He paid the ultimate price for us, and enabled us to be reconciled to the Father. And we're told that in His death He called all people to Himself (John 12:32). Furthermore, when He rose from the grave, coming to life never to die again, He showed us what our hope is: our own resurrection, revealing our full restoration in His image. This restoration begins here on earth through the work of God's Spirit in us. It will be made complete when we are raised up, never to die again.

In the life, death, and resurrection of Jesus, we see God receiving, redeeming, reconciling, and restoring. God has done the work. This is a God to believe in.

The God Who Can be Trusted

When those who are the most important to them have lied to people, they become distrustful. David Hocking tells of a woman who, after her parents had divorced, had been put in a special institution. Her parents rarely visited. When she was old enough to be on her own she began wandering from town to town, experiencing abuse and broken promises. As a result she didn't trust anyone. Rev. Hocking says, "As I began telling her of God's love for her, she asked, 'Can He be trusted?' I answered, 'Of course. He's God!' She countered, 'Why should I

trust Him? Everyone else has let me down!' [{17}](#)

What does it take to build trust in a person? Hocking gives three factors: telling the truth, doing what is right and fair, and being reliable. Do these characteristics describe God?

Tells the Truth

Because God is holy or separate from all that is sinful, He is morally pure. As such He cannot lie. "It is *impossible* for God to lie," says the New Testament (Heb. 6:18). If He says He will do something, He will do it (Num. 23:19). The people of Israel discovered that God was true to His word in fulfilling His promises. He gave them the land He had promised them, and over and over He spared them when they turned away from Him because of the covenant He had made with their forefathers. And because He cannot lie, those who believe can rest in the promises of His constant presence and of eternity with Him (Titus 1:2; Matt. 28:20).

Does What is Right and Fair

We also can count on God to do what is fair or just. If He couldn't be depended on to do that, we would have no reason to trust Him. What if He arbitrarily changed the rules on us and judged us by a different standard? A student complains that his teacher grades inconsistently. She seems to be arbitrary in assigning values to projects, and often gives no clear word on what she expects. He says she isn't being fair. A boss shows favoritism among his employees, advancing those who are his friends, while leaving the truly worthy behind. Not fair, we say.

God is not like this. He plays straight. He tells us what He expects, and He shows no partiality in His judgments. "Righteous are You, O Lord," says the Psalmist, "and Your laws are right," (Ps. 119:137). Likewise, He demands justice of us: "How blessed are those who maintain justice, who constantly do

what is right," (Ps. 106:3).

Can Be Depended Upon

Finally, God can be counted on. He is faithful to His word and His character. Knowing what He is like teaches us what He does. And one of His characteristics is being always the same: "For I, the Lord, do not change," He says (Mal. 3:6). He is the one "who does not change like shifting shadows" (James. 1:17). God is faithful forever to his own nature.

He is also faithful to his decrees and his promises. "I foretold the former things long ago, my mouth announced them and I made them known;" He said. "[T]hen suddenly I acted, and they came to pass," (Isa. 48:3). He promised Sarah a child in her old age, and He gave her one (Gen. 21:1). King Solomon said, "not one word has failed of all the good promises he gave through His servant Moses," (1 Kings 8:56).

God can be trusted. He tells the truth, He does what is fair, and He can be counted on. This is a God you can believe in.

Notes

1. Joan Osborne, "One of Us," on the album *Relish*, Uni/Mercury, 1995. Downloaded from http://lyrics.astraweb.com:2000/display.cgi?joan_osborne%2E%2Erelish%2E%2Eone_of_us, Feb. 17, 2001.

2. Tom Beaudoin, *Virtual Faith: The Irreverent Spiritual Question of Generation X* (San Francisco: Jossey-Bass, 1998), 53.

3. Cf. Beaudoin, 74-75.

4. Beaudoin, xiii-xiv.

5. Jimmy Long, *Generating Hope: A Strategy for Reaching The Postmodern Generation* (Downers Grove: Intervarsity Press,

1997), 43.

6. See Jerry Solomon, "[Generation X](#)", an overview of this generation.

7. Long, 48, quoting Andrew Smith, "Talking About My Generation," *The Face*, July 1994, p. 82.

8. Tim Celek and Dieter Zander, *Inside the Soul of a New Generation: Insights and Strategies for Reaching Busters* (Grand Rapids: Zondervan, 1996), 46.

9. Celek and Zander, 51.

10. Celek and Zander, 31-32.

11. Douglas Coupland, *Life After God* (New York: Pocket Books, 1994), 273.

12. Coupland, 310, 313, 359.

13. Osborne, *One of Us*.

14. David Hocking, *The Nature of God in Plain Language* (Waco, Texas: Word Books, 1984), 65.

15. Coupland, 359.

16. Celek and Zander, 55.

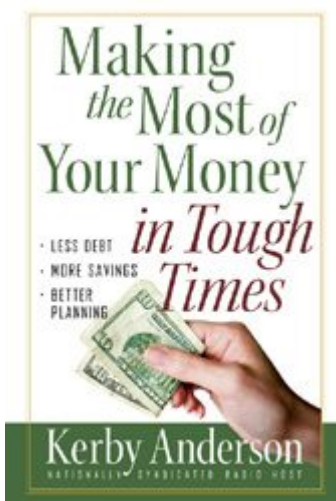
17. Hocking, 145. I am indebted to the author for the outline of this section.

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A Biblical View of Economics – A Christian Life Perspective

Kerby Anderson shows that economics is an important part of one's Christian worldview. Our view of economics is where many of Christ's teachings find their daily application.

In this article we are going to be developing a Christian view of economics. Although most of us do not think of economics in moral terms, there has (until the last century) always been a strong connection between economics and Christian thought.



If you look at the *Summa Theologica* of Thomas Aquinas, you find whole sections of his theological work devoted to economic issues. He asked such questions as: “What is a just price?” or “How should we deal with poverty?”

Today, these questions, if they are even discussed at all, would be discussed in a class on economic theory. But in his time, these were theological questions that were a critical and integral part of the educational curricula.

In the Protestant Reformation, we find the same thing. In John Calvin's *Institutes of the Christian Religion*, whole sections are devoted to government and economics. So Christians should

not feel that economics is outside the domain of Christian thinking. If anything, we need to recapture this arena and bring a strong biblical message to it.

In reality, the Bible speaks to economic issues more than any other issue. Whole sections of the book of Proverbs and many of the parables of Jesus deal with economic matters. They tell us what our attitude should be toward wealth and how a Christian should handle his or her finances. The Bible also provides a description of human nature, which helps us evaluate the possible success of an economic system in society.

The Bible teaches that there are two aspects to human nature. First, we are created in the image of God and thus able to control the economic system. But second, human beings are sinful and thus tend towards greed and exploitation. This points to the need to protect individuals from human sinfulness in the economic system. So Christians have a much more balanced view of economics and can therefore construct economic theories and analyze existing economic systems.

Christians should see the fallacy of such utopian economic theories because they fail to take seriously human sinfulness. Instead of changing people from the inside out as the gospel does, Marxists believe that people will be changed from the outside in. Change the economic base, they say, and you will change human beings. This is one of the reasons that Marxism was doomed to failure, because it did not take into account human sinfulness and our need for spiritual redemption.

It is important for Christians to think about the economic arena. It is a place where much of everyday life takes place, and we can evaluate economics from a biblical perspective. When we use the Bible as our framework, we can begin to construct a government and an economy that liberates human potentiality and limits human sinfulness.

Many Christians are surprised to find out how much the Bible says about economic issues. And one of the most important aspects of the biblical teaching is not the specific economic matters it explores, but the more general description of human nature.

Economics and Human Nature

When we are looking at either theories of government or theories of economics, an important starting point is our view of human nature. This helps us analyze these theories and predict their possible success in society. Therefore, we must go to the Scriptures to evaluate the very foundation of each economic theory.

First, the Bible says that human beings are created in the image of God. This implies that we have rationality and responsibility. Because we have rationality and volition, we can choose between various competing products and services. Furthermore, we can function within a market system in which people can exercise their power of choice. We are not like the animals that are governed by instinct. We are governed by rationality and can make meaningful choices within a market system.

We can also assume that private property can exist within this system because of the biblical idea of dominion. In Genesis 1:28, God says we are to subdue the earth and have dominion over the creation. Certainly one aspect of this is that humans can own property in which they can exercise their dominion.

Since we have both volition and private property rights, we can then assume that we should have the freedom to exchange these private property rights in a free market where goods and services can be exchanged.

The second part of human nature is also important. The Bible describes the fall of the world and the fall of mankind. We

are fallen creatures with a sin nature. This sinfulness manifests itself in selfishness, greed, and exploitation. Thus, we need some protection in an economic system from the sinful effects of human interaction.

Since the Bible teaches about the effects of sinful behavior on the world, we should be concerned about any system that would concentrate economic power and thereby unleash the ravages of sinful behavior on the society. Christians, therefore, should reject state-controlled or centrally controlled economies, which would concentrate power in the hands of a few sinful individuals. Instead, we should support an economic system that would disperse that power and protect us from greed and exploitation.

Finally, we should also recognize that not only is human nature fallen, but the world is fallen. The world has become a place of decay and scarcity. In a fallen world, we have to be good managers of the limited resources that can be made available in a market economy. God has given us dominion over His creation, and we must be good stewards of the resources at our disposal.

The free enterprise system has provided the greatest amount of freedom and the most effective economic gains of any economic system ever devised. Nevertheless, Christians often wonder if they can support capitalism. So the rest of this article, we are going to take a closer look at the free enterprise system.

Capitalism: Foundations

Capitalism had its beginning with the publication of *The Wealth of Nations*, written by Adam Smith in 1776. He argued that the mercantile economic system working at that time in Great Britain was not the best economic foundation. Instead, he argued that the wealth of nations could be increased by allowing the individual to seek his own self-interest and by removing governmental control over the economy.

His theory rested on three major premises. First, his system was based upon the observation that people are motivated by self-interest. He said, "It is not from the benevolence of the butcher, the brewer, or the baker that we expect our dinner, but from their regard to their own interest." Smith went on to say that "neither intends to promote the public interest," yet each is "led by an invisible hand to promote an end that was not part of [his] intention."

A second premise of Adam Smith was the acceptance of private property. Property was not to be held in common but owned and freely traded in a market system. Profits generated from the use and exchange of private property rights provided incentive and became the mechanism that drives the capitalist system.

From a Christian perspective we can see that the basis of private property rests in our being created in God's image. We can make choices over property that we can exchange in a market system. The need for private property grows out of our sinfulness. Our sinful nature produces laziness, neglect, and slothfulness. Economic justice can best be achieved if each person is accountable for his own productivity.

A third premise of Adam Smith's theory was the minimization of the role of government. Borrowing a phrase from the French physiocrats, he called this *laissez-faire*. Smith argued that we should decrease the role of government and increase the role of a free market.

Historically, capitalism has had a number of advantages. It has liberated economic potential. It has also provided the foundation for a great deal of political and economic freedom. When government is not controlling markets, then there is economic freedom to be involved in a whole array of entrepreneurial activities.

Capitalism has also led to a great deal of political freedom, because once you limit the role of government in economics,

you limit the scope of government in other areas. It is no accident that most of the countries with the greatest political freedom usually have a great deal of economic freedom.

At the outset, let me say that Christians cannot and should not endorse every aspect of capitalism. For example, many proponents of capitalism hold a view known as utilitarianism, which is opposed to the notion of biblical absolutes. Certainly we must reject this philosophy. But here I would like to provide an economic critique.

Capitalism: Economic Criticisms

The first economic criticism is that capitalism leads to monopolies. These develop for two reasons: too little government and too much government. Monopolies have occurred in the past because government has not been willing to exercise its God-given authority. Government finally stepped in and broke up the big trusts that were not allowing the free enterprise system to function correctly.

But in recent decades, the reason for monopolies has often been too much government. Many of the largest monopolies today are government sanctioned or sponsored monopolies that prevent true competition from taking place. The solution is for government to allow a freer market where competition can take place.

Let me add that many people often call markets with limited competition monopolies when the term is not appropriate. For example, the three major U.S. car companies may seem like a monopoly or oligopoly until you realize that in the market of consumer durables the true market is the entire western world.

The second criticism of capitalism is that it leads to pollution. In a capitalistic system, pollutants are considered externalities. The producer will incur costs that are external

to the firm so often there is no incentive to clean up the pollution. Instead, it is dumped into areas held in common such as the air or water.

The solution in this case is governmental intervention. But I don't believe that this should be a justification for building a massive bureaucracy. We need to find creative ways to direct self-interest so that people work towards the common good.

For example, most communities use the water supply from a river and dump treated waste back into the water to flow downstream. Often there is a tendency to cut corners and leave the waste treatment problem for those downstream. But if you required that the water intake pipe be downstream and the waste pipe be upstream you could insure less pollution problems. It is now in the self-interest of the community to clean the wastewater being pumped back into the river. So while there is a need for governmental action, much less might be needed if we think of creative ways to constrain self-interest and make it work for the common good.

We can acknowledge that although there are some valid economic criticisms of capitalism, these can be controlled by limited governmental control. And when capitalism is wisely controlled, it generates significant economic prosperity and economic freedom for its citizens. Next, let us discuss some of the moral problems of capitalism.

Capitalism: Moral Critiques

One of the first moral arguments against capitalism involves the issue of greed. And this is why many Christians feel ambivalent towards the free enterprise system. After all, some critics of capitalism contend that this economic system makes people greedy.

To answer this question we need to resolve the following question. Does capitalism make people greedy or do we already

have greedy people who use the economic freedom of the capitalistic system to achieve their ends? In light of the biblical description of human nature, the latter seems more likely.

Because people are sinful and selfish, some are going to use the capitalist system to feed their greed. But that is not so much a criticism of capitalism as it is a realization of the human condition. The goal of capitalism is not to change people but to protect us from human sinfulness.

Capitalism is a system in which bad people can do the least harm, and good people have the freedom to do good works. Capitalism works well if you have completely moral individuals. But it also functions adequately when you have selfish and greedy people.

Important to this discussion is the realization that there is a difference between self-interest and selfishness. All people have self-interest and that can operate in ways that are not selfish. For example, it is in my self-interest to get a job and earn an income so that I can support my family. I can do that in ways that are not selfish.

Adam Smith recognized that every one of us have self-interest and rather than trying to change that, he made self-interest the motor of the capitalist system. And before you react to that, consider the fact that even the gospel appeals to our self-interest. It is in our self-interest to accept Jesus Christ as our savior so that our eternal destiny will be assured.

By contrast, other economic systems like socialism ignore the biblical definitions of human nature. Thus, they allow economic power to be centralized and concentrate power in the hands of a few greedy people. Those who complain of the influence major corporations have on our lives should consider the socialist alternative of how a few governmental

bureaucrats control every aspect of their lives.

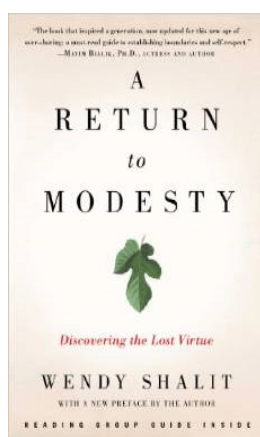
Greed certainly occurs in the capitalist system. But it does not surface just in this economic system. It is part of our sinfulness. The solution is not to change the economic system, but to change human nature with the gospel of Jesus Christ.

In conclusion, we may readily acknowledge that capitalism has its flaws as an economic system, but it can be controlled to give us a great deal of economic prosperity and economic freedom.

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A Return to Modesty

The Loss of the Virtue of Modesty



This article is an examination of Wendy Shalit's book *A Return to Modesty: Discovering the Lost Virtue*. The book was written in 1999 and addressed to her "parents, and anyone who has ever been ashamed of anything." *A Return to Modesty* is an examination of public and personal attitudes toward the problems faced by young women at the end of the twentieth century, and the beginning of the twenty-first.

Shalit's starting point is the change from a healthy modesty toward sexual experience to a sheer embarrassment at the lack of experience. Her book is not a call to a prudish, Victorian sexuality, but a reminder of the value inherent in female modesty and the rewards for those who wait until marriage to become sexually active. Arguing against a culture which systematically attempts to rid us of our romantic hopes and natural embarrassments, Shalit offers young women an open invitation to cultivate one of the most feminine of all virtues, and to do so without shame or regret.

A Return to Modesty is divided into three parts: the first concerns our present view of sexual modesty and the problems with this view. The second section surveys the intellectual battles which led to our present situation. And the third is a look at women who are saying "no" to contemporary values and returning to an earlier conception of modesty.

The War on Embarrassment, the title of the first chapter, looks at the early and middle '80s when sex education in grade schools was beginning to become more commonplace in the United States. Young girls ten and eleven years of age sat in mixed company as instructors discussed the particulars of intercourse, venereal disease, and birth control. The result, argues Shalit, is that subjects that had been discussed privately among the separate genders are brought into the open in such a way that all modesty is systematically removed. Preteen girls are taught to be ashamed if they are embarrassed, and embarrassed if they are ashamed. The ensuing confusion leads to a schizophrenic approach to sexuality which will follow the young girl through puberty and into young womanhood.

The impact of this early exposure to sexuality is discussed in

the second chapter, *Postmodern Sexual Etiquette*. Here the modern dating scene is shown to be a direct revolt against the supposedly debilitating sexual disease of Puritanism and the Judeo-Christian ethic.[\[1\]](#) The traditional maturation cycle of courtship, love, and marriage has been replaced by a sequence of hook-ups, dumpings, and post-dumping checkups. The result, which we will discuss, has been that women are generally disrespected, trivialized, and abused in ways that should concern us all.

The Normalization of Pornography

As we continue our examination of modesty, I would like to cover the statistical fallout from our behavior during the last half of the century.

Stalking, rape, and harassment of women in the work place and at home all increased dramatically during the latter part of the twentieth century. But nothing is as alarming an indicator, says Shalit, as the “normalization of pornography.”[\[2\]](#) The contemporary debate is little more than a “ping-pong” game over censorship with feminists and conservatives crying “yes,” and the civil libertarians volleying back “no.” What is missing is the realization of how our views of pornography have shifted and a recognition of the impact that this has on the lives of ordinary men and women.[\[3\]](#)

One indicator of our growing acceptance of recreational pornography is the increase in strip clubs in the past decade, up over 100 percent from 1992. Strippers have become a kind of cultural wallpaper, and are present to such an extent that they are no longer shocking.[\[4\]](#) Women who object to their husbands and boyfriends looking at porn are accused of being prudish and full of hang-ups. The result has been a plethora of diseases and disorders as women attempt to look like the airbrushed super models seen in magazines and film.

A young woman named Jennifer Silver was concerned that her boyfriend was reading *Playboy* magazine, but she and her friends were reluctant to say anything which would make them seem prudish or un-cool. In a porn-friendly culture Miss Silver's opinion was only valued if it was sympathetic to the norm. She said in an article to *Mademoiselle* magazine:

The real reason I hated Playboy was that the models established a standard I could never attain without the help of implants, a personal trainer, soft lighting, a squad of makeup artists and hairdressers, and airbrushing. It's a standard that equates sexuality with youth and beauty. I didn't want my boyfriend buying into Playboy's definition of sexuality.[\[5\]](#)

Her boyfriend discontinued his reading in light of Miss Silver's observations, but many men, even Christian men, do not see the harm in this kind of indulgent and sinful behavior.

It is not enough to say we want to return to a more modest culture; we must actively strive to create such a culture. If women are ever going to be able to be modest, men will have to value that modesty, and one way to do so is by allowing women to be who they are and not place impossible demands on them.

The Intellectual Landscape

In part two of her book Shalit takes aim at the intellectual battles which have led to the present crises in virtue. Under the guise of "being comfortable with our bodies," our universities, advertising companies, and even fellow Christians have urged women in the last half century to "let it all hang out." Indicative of this attitude is a quote from *Bazaar*, a leading women's magazine, in response to a cover which offended some readers:

The barely revealed breast on our August cover wasn't meant

to offend. It was meant to celebrate the beauty of the female form. Bazaar believes that women should feel comfortable with their bodies.

The response to this reader's letter was in effect saying that, if one should choose to be modest, then it is a reflection of not being "comfortable with one's body." The result is that we've become so comfortable with the body that people feel free to dress immodestly from the beach to the grocery store.

Shalit continues her examination of the intellectual landscape of modesty with a glimmer of hope based on nation-wide surveys in some of the most prominent women's magazines. Her findings are that 49 percent of women wish they had slept with fewer men, and the happiest women were those who had the fewest partners.[\[6\]](#) In addition to these observations, one could add that the same women's magazines that frequently advocate a more progressive and immodest lifestyle are also full of the confessions of women who have low self-esteem and feel that they are ugly and do not measure up to an increasingly critical society.

Following the statistical surveys, Shalit examines the idea of "male obligation." In an unusual turn she says that it is difficult to expect men to be honorable. Many women send messages that men are no longer expected to behave like gentlemen.[\[7\]](#) The short skirts, plunging necklines, and pouty lips so popular today are an invitation for men to stare at and perceive women as objects. The honor women want from men, argues Shalit, begins with the signals that women send. Those interested in a clear guide to a return to modesty, in their own lives or that of their friends and daughters, will find such a guide in Shalit's book *A Return to Modesty*.

Modest Dress

In an effort to find a way back to a more modest approach to sexuality, Shalit turns to some themes common in most religions. First she makes the observation that there is almost unanimous agreement among religions that modesty is inextricably linked to holiness.^[8] In the first of several examples, Shalit quotes Christ's admonition: "Blessed is he that watcheth, and keepeth his garments, lest he walk naked and then see his shame."^[9] After this she recalls the occasion when Moses covers his face, and is afraid to look upon God. Finally, she considers the account of Isaiah when he sees the fiery angels surrounding the throne of God, and four of the six angels' wings are not functional because they are used to cover their feet. The rationale, says Shalit, is that in the presence of the Holy One, they should cover themselves.

In the section titled *The Return to Modest Dress*, Shalit documents the changing trends in women's dress. She discusses how women who have rebelled against the immodest dress characterized by spandex, push-up bras, and bikinis have found a new self-respect they never knew was available. In addition to this, these same women have found that they are attracting the kind of men they really desire as opposed to men who approach them for their outward beauty alone.

There is a difficulty for young women who choose to be a part of the counter-culture of modesty Shalit is advocating. We live in a time when the loss of one's virginity is considered a right of passage into maturity. Young women who choose to hold on to their virginity are often ostracized by other girls who wish to have partners in their loss. The result is that one must frequently choose between the loss of innocence, or the loss of fellowship with one's peers. This is a tragic choice to ask of a young, teenage girl who desperately wants to be accepted.

The problem is not confined to young women alone, but is

played out among more adult women with the same dire consequences. Men no longer have to marry a woman to get them to sleep with them and the result has been a growing hostility toward the institution of marriage.[{10}](#) The power to say “no” that women once collectively possessed, has been surrendered to the point that it is very difficult to reclaim. Shalit’s book shows the way out of a dark forest of our own making.

How To Get There

“Loss of innocence is nothing new,” writes Shalit, “but it is our assumption that there is now nothing to lose.”[{11}](#) We frequently act as though previous generations have decided that young women need not value their innocence, and we are powerless to resist the pressures of society. However, we are told exactly the opposite throughout the Scriptures. We are told that we can, and must, resist the world. We are told that the individual can choose to behave differently than societal norms. And, we are reminded that the failure to resist the temptations and standards set by secular society is sin.

The first thing we must do in order to return to a more modest society is to believe that it is possible, and to voice our desires for such a return actively. The second thing we must do is realize that cultures differ about what exactly is modest. Shalit cites examples of eighteenth century France where women would not bare their shoulders, Chinese women shy about their feet being exposed, and native women of Madagascar who would “rather die of shame than expose their arms.”[{12}](#)

Shalit proposes that we listen to the universal instinct within us which has been systematically suppressed. We know that we are naturally shy and sensitive to some things and should sometimes, but not always, cultivate our reservations rather than trying to overcome them. Quoting Francis Benton, Shalit writes:

Specific rules about modesty change with the styles. Our

Victorian ancestors, for instance, would judge us utterly depraved for wearing the modern bathing suit. Real modesty, however, is a constant and desirable quality. It is based not on fashion, but on appropriateness. A woman boarding a subway in shorts at the rush hour is immodest not because the shorts themselves are indecent, but because they are worn in the wrong place at the wrong time. A well-mannered and self-respecting woman avoids clothes or behavior that are inappropriate or conspicuous.[*{13}*](#)

In order for society, and especially Christians within a secular and hostile society, to return to modesty we must be willing to look a little awkward in our actions and appearances. God has called us to be a strange and peculiar people for His purposes. One of the easiest and most influential ways to do this is through our outward appearances and actions. We should return to modesty before it really is too late.

Notes

1. Wendy Shalit, *A Return To Modesty: Discovering the Lost Virtue* (New York: The Free Press, 1999), 26.
2. Ibid., 49-54.
3. Ibid., 49.
4. Ibid.
5. Ibid., 52.
6. Ibid., 90.
7. Ibid., 104-105.
8. Ibid., 218.
9. Rev. 16:15.
10. Shalit, 227.
11. Ibid., 241.
12. Ibid., 232.
13. Ibid., 232.

The Social and Historical Impact of Christianity

Probe founder Jimmy Williams examines the charge that Christianity has been detrimental to society, providing evidence for the contrary—that it has been a force for good.

Introduction

W.E.H. Lecky has commented on the Enlightenment that “The greatest religious change in the history of mankind” took place “under the eyes of a brilliant galaxy of philosophers and historians who disregarded as contemptible an Agency (*Christianity*) which all men must now admit to have been . . . the most powerful moral lever that has ever been applied to the affairs of men.”[\[1\]](#)

And yet, the West is in the process of abandoning its Judeo-Christian base which was the very source of this social development (Is this good or bad? Can we even ask such questions of history?).

The Negative Charge:

Christianity has been a repressive force against the advancement of civilization.

A. Karl Marx termed Christianity an opiate of the masses, a tool of exploitation.

B. Sigmund Freud called Christianity an illusion, a crutch, a source of guilt and pathologies.

C. Bertrand Russell: “I say quite deliberately that the Christian religion, as organized in its churches, has been and

still is the principal enemy of the moral progress in the world.”{2}

D. Arnold Toynbee: “When the Greco-Roman world was converted to Christianity, the divinity was drained out of nature and concentrated in a single, transcendent God. Man’s greedy impulse to exploit nature used to be held in check by his awe, his pious worship of nature. Now monotheism, as enunciated in Genesis, has removed the age-old restraint.”{3}

E. Gloria Steinem observed that human potential must replace God by the year 2000.

F. Lyn White: “Christians, in absolute contrast to ancient paganism and Asia’s religions, not only established a dualism of man and nature, but also insisted that it is God’s will that man exploit nature for his proper ends.”{4} “The crisis will not abate until we reject the Christian axiom that nature has no reason for existence save to serve man.”{5}

Summary: Christianity. . .

1. Is a crutch
2. Impedes science
3. Is a source of bigotry
4. Causes wars
5. Causes pollution and animal extinction
6. Contributes to the population explosion
7. Causes inflation.

Analysis of the Charges

(Unfortunately, *some* of the charges are true.)

A. The church, as an institution, has not always been a positive influence for social change.

1. Two major errors:

Platonism – The spiritual sphere is the real world. Matter

is evil. Thus, the body is the prison of the soul. This sacred/secular distinction has resulted in the “pie in the sky” religion which has at times not been concerned about social reform.

Humanism – Views the physical and social needs of man as the only importance. The institutional church has, at times, failed at preaching regeneration.[{6}](#)

2. Jesus was concerned for the *total* man. Should we put a “new suit” on the man, or a “new man” in a suit? Jesus would have done both—put a new suit on a new man! (See the Gospels).

B. When the church is assimilated by the culture in which it finds itself, it loses its cutting edge. Example: Under Constantine in the 4th century, “The church became a little worldly and the world became a little churchy.”

C. The institutional church and true Christianity are not always synonymous. Professing Christians many not live up to the ideals and practices of its Founder (“Faith without works is dead,” James 2:26).

1. Renaissance popes are *not* Christianity; St. Francis of Assisi *is*.

2. Pizarro and Cortez are *not* Christianity, Bartolome de Las Casas *is*.

3. Captain Ball, a Yankee slave captain, is *not* Christianity, Wilburforce *is*.

D. Jesus Himself foretold that “tares” would be won among the “wheat.” (Matt. 13:25-39 ff).

Christianity’s Positive Impact

A. The Rise of Modern Science

1. Science rose in the West, not in the East. Why?
2. Whitehead and Oppenheimer insisted that modern science could not have been born except in a Christian milieu.
3. Many pioneering scientists were not only theists, but Christians: Newton, Pasteur, Kepler, Pascal, Fleming, Edwards.
4. Concepts conducive to scientific inquiry were expressly Christian:
 - a. Positive attitude toward the world.
 - b. Awareness of order (i.e. cause/effect, cf. Rom. 1:20).
 - c. Views of man as a superintendent of nature.
 - d. Positive attitude toward progress ("Have dominion . . ." [Gen. 1:28ff])

B. The Development of Higher Education

1. The Puritans were 95 per cent literate.
2. The University movement and the quest for knowledge (Berkeley, Descartes, the British Empiricists, Locke & Reid).
3. 100 of the first 110 universities in America were founded for the express purpose of propagating the Christian religion.
4. The American university emerged from American Seminaries (Witherspoon, Princeton; Timothy Dwight, Yale).

C. Christianity and the Arts: the influence has been so broad as to be inestimable.

D. Social Change

1. Means of Social Change

- a. Reform—moderately effective, but slow. Not always good.
- b. Revolution—more rapid, but usually bloody.
- c. Regeneration—Changing persons changes society. Jesus said, “Except a man be born again, he cannot see the kingdom of God. . . That which is born of flesh is flesh: that which is born of spirit is spirit” (John 3:3,6). Paul spoke of the Christian rebirth in this way, “Do not be conformed to this world-system, but be transformed by the renewing of your mind . . .” (Romans 12:2).
- d. There is a difference between *professing* Christianity and *possessing* a personal relationship with Christ.

2. Examples in the Early Church

- a. In 252 A.D., the Christians of Corinth saved the city from the plague by responding to the needs of those who were simply dragged into the street.
- b. In 312 A.D., half of the Roman Empire came under the political and social influence of Christianity under the rule of Constantine.
- c. Early Christians stood in opposition to infanticide, degradation of women, gladiatorial combats, slavery, etc.

3. Examples in the Middle Ages (Consider the Monks, not the knights.)

- a. Monasteries served as hospitals, places of refuge.
- b. Monastic schools trained scribes to preserve manuscripts.
- c. Monasteries also developed agricultural skills and knowledge.
- d. The Scholastics remain a pivotal period of intellectual growth.

e. A time of major artistic development: architecture, music, literature.

4. Examples during the Reformation

a. A myriad of forces were at work in the vast social and religious shift known as the Reformation (i.e. Luther, printing, Gutenberg Bible).

b. Calvin and the other reformers must not be ignored. Says Fred Graham in *The Constructive Revolutionary*, "Economic, scientific, and political historians . . . generally know little about Calvin's own secular ideas. They assume that it was simply the rupture with tradition made by Calvinists which produced certain changes of life-styles which, in turn, affected society in Protestant countries in later centuries. But the heart of this study shows clearly that Calvin himself was aware of the epochal character of his own (social and economic) teaching and of the transforming implications of the Genevan pattern which he had a hand in forming" (11).

5. Examples in Colonial America.

a. The First Great Awakening (1725-75) raised up many American universities. 100 of the first 110 American universities were founded expressly for the purpose of training men to propagate the Christian faith.

b. American educational and political systems, Christian influences.

1) Colonial education was classical and Christian, with the Bible and its principles primary to all learning. The New England Primer appeared about 1690 and was almost universally adopted. It was the chief beginning reading book for American schools for over 100 years. The contents clearly show its religious character and purpose which included forty pages containing the Westminster

Shorter Catechism.

2) Framers of the Constitution and Declaration of Independence. The vast majority at the Constitutional Convention (55 delegates) were members of Protestant churches: 28 Episcopalians, eight Presbyterians, seven Congregationalists, two Lutherans, two Dutch Reformed, two Methodists, two Roman Catholics, three Deists, one unknown.

c. The Wesley-Whitefield revivals resulted in millions of Christian conversions. Wesley, the founder of Methodism, was converted after hearing the preface of Luther's commentary on Romans read at Aldersgate: "About a quarter before nine, which they were describing the change which God works in the heart through faith in Christ, I felt my heart strangely warmed. I felt I did trust in Christ, I felt my heart strangely warmed. I felt I did trust in Christ, and Christ alone, for my salvation, and an assurance was given me that He had taken away my sins, even mine."

d. Wesley preached the social responsibilities of Christian piety:

1772 – Slavery was judicially excluded from England, 14,000 freed

1792 – Conditions aboard slave ships were regulated by law

1808 – The English slave trade was abolished.

1831 – All European slave trade abolished. England spent 15 million pounds for enforcement, even making payments to Spain and Portugal to stop the trade.

1833 – Slavery abolished in British Empire: 45 million pounds paid in compensation to free 780,933 slaves. Wilberforce, along with Buxton, Macaulay, and Clark . . .

all evangelicals who were converted under Wesley's ministry, were the top leaders in ending slavery (This British action in the 1830's profoundly affected American attitudes which resulted in the Civil War).

e. Prison reform: John Howard, Elizabeth Fry (England); Fliedner (Germany). Florence Nightingale, the mother of modern nursing, was trained in one of Fliedner's schools in Kaiserswerth.

f. Labor reform: Anthony Ashley Cooper (Earl of Shaftesbury, self-described "Evangelical of the Evangelicals" pioneered child-labor laws, prohibited women working in the mines, established mental health sanitarium, built parts and libraries).

g. Harriett Beecher Stowe. Daughter of a preacher, married to a preacher; all her brothers were preachers. Her book, *Uncle Tom's Cabin* ignited the minds and imaginations of people in both North and South. "So this is the little lady who made this big war," said Abraham Lincoln upon meeting her for the first time. Her book was the first great American bestseller. (Initial print run was 300,000 copies. Sold three million copies in America, then 40 million worldwide in 40 languages).

h. The Third Great Awakening (1858-59) produced a rash of missionary and philanthropic organizations in the U. S. and England:

- Barnardo's Homes (world's largest orphanage system)
- William Booth's Salvation Army
- Henri Dunant, a student evangelist in Geneva, founded the Red Cross in 1865
- YMCA was founded in 1844 and grew greatly
- The missionaries from William Carey on:

-CMS (Christian Missionary Society) taught 200,000 to read in East Africa in one generation

- Secured the abolition of widow-burning and child sacrifice
- Brought medicine to the world
- Actually founded the educational systems in China, Japan, and Korea.

i. Today: World Vision, Wycliffe Bible Translators, Mission agencies, Parachurch groups, Denominational missionaries, medical personnel, teachers, and volunteers.

Conclusion

"It is impossible to exaggerate the importance of the coming of Christianity. It brought with it, for one thing, an altogether new sense of human life. For the Greeks had shown man his mind; but the Christians showed him his soul. They taught that in the sight of God, all souls were equal, that every human life was sacrosanct and inviolate. Where the Greeks had identified the beautiful and the good, had thought ugliness to be bad, had shrunk from disease and imperfection and from everything misshapen, horrible, and repulsive, the Christian sought out the diseased, the crippled, the mutilated, to give them help. Love, for the ancient Greek, was never quite distinguished from Venus. For the Christians held that God was love, it took on deep overtones of sacrifice and compassion." – R. R. Palmer (standard college history text)

"The history of Christianity is inseparable from the history of Western culture and of Western society. For almost a score of centuries Christian beliefs, principles, and ideals have colored the thoughts and feelings of Western man. The traditions and practices have left an indelible impress not only on developments of purely religious interest, but on virtually the total endeavor of man. This has been manifest in art and literature, science and law, politics and economics, and, as well, in love and war. Indeed, the indirect and unconscious influence Christianity has often exercised in avowedly secular matters—social, intellectual, and

institutional—affords striking proof of the dynamic forces that have been generated by the faith over the millennia. Even those who have contested its claims and rejected its tenets have been affected by what they opposed. Whatever our beliefs, all of us today are inevitable heirs to this abundant legacy; and it is impossible to understand the cultural heritage that sustains and conditions our lives without considering the contributions of Christianity.”

“Since the death of Christ, his followers have known vicissitudes as well as glory and authority. The Christian religion has suffered periods of persecution and critical divisions within its own ranks. It has been the cause and the victim of war and strife. It has assumed forms of astonishing variety. It has been confronted by revolutionary changes in human and social outlooks and subjected to searching criticism. The culture of our own time, indeed, has been termed the most completely secularized form of culture the world has ever known. We live in what some have called the post-Christian age. Yet wherever we turn to enrich our lives, we continue to encounter the lasting historical realities of Christian experience and tradition.”[\[7\]](#)

In contrast to the Christian system, modern materialistic philosophies do not provide a strong basis for reform. Humanism is, in effect, a philosophic smuggler; it has borrowed the “dignity of man” from Christian precepts and has not bothered to say, “Thank you.”

Notes

1. W. E. H. Lecky, *History of European Morals*, NY: Appleton, 1905, Vol. I, 28-29) (explanatory insert mine).
2. Bertrand Russell, *Why I Am Not a Christian*, p. 21.
3. Arnold Toynbee, *Horizon* magazine, 1973).
4. Lyn White, *Science Magazine*, 1967.
5. *The Environmental Handbook*, p. 25.
6. Alan Menninger: *Whatever Became of Sin?*

7. Roland H. Bainton, Professor Emeritus, *Ecclesiastical History*, Yale University. *Horizon Magazine*, Marshall B. Davidson, et. al., American Heritage Publishing Co., Inc.: New York. Distributed by Harper and Row, 1964.

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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 tough-minded 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 in 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 is not limited to governmental agencies. Many banking systems, for example, utilize electronic funds-transfer 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.

Notes

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5. Michael Crichton, *The Andromeda Strain* (New York: Dell, 1969).
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Partial Birth Abortion – From a Biblical Perspective

A Commitment to Gruesomeness

This year is the twenty-seventh year of legal abortion, and the only thing that appears to have changed in the debate is the addition of newer and more gruesome abortion procedures. At the top of the list is partial birth abortion.

The first legislative debate on partial birth abortion took place back in 1995 when Representative Charles Canady introduced a bill to ban this unknown procedure. Congressional testimony revealed that a fetus was delivered feet first, up to the head, so that the skull could be pierced and the brain suctioned out.

Canady's bill was a response to a paper delivered by Martin Haskell, a doctor from Dayton, Ohio, at the National Abortion Federation. At the time, reaction to Haskell's practice ran high in Ohio and eventually nationwide. The state of Ohio became the first state to prohibit the procedure and Canady's bill began to focus the issue on a national level.

Who would have predicted that such a long and protracted battle would take place over the last five years? And perhaps that shows how extreme the abortion lobby has become by its willingness to defend any abortion procedure no matter how far advanced the pregnancy might be. It also demonstrates the judiciary's willingness to defend abortion at every turn.

Although Charles Canady's bill was passed by both the House (288 to 139) and Senate (54 to 44), it was vetoed by President Clinton in April of 1996. Meanwhile, pro-life advocates were turning their energies to state legislatures. Partial birth abortion bans spread like wildfire through the legislatures. Today nearly three out of every five state legislatures have passed a ban, and some of these bans have been passed over gubernatorial vetoes. Unfortunately, liberal judges in various judicial jurisdictions have overturned many of these bans, alleging that they are vague or could threaten the life of the mother.

Congress has also reconsidered the issue again. Senator Rick Santorum reintroduced the ban in January 1997. A month later the newspaper *American Medical News* published an interview with Ron Fitzsimmons, executive director of the National Coalition of Abortion Providers. He admitted that he lied on national television regarding the number of partial birth abortions performed and the reasons for them. This was a stunning revelation that thousands of such abortions had been performed and usually for no medical indications. The momentum for a ban on partial birth abortions seemed to be growing. And the bill again passed both houses of Congress with a larger margin. But the Senate vote (64 to 36) was still not quite

large enough to ensure an override of the expected veto by President Clinton.

Currently Congress is considering the issue again. And there are many political commentators who wonder if the margin may grow again since this is an election year. Also, as we will discuss in more detail, the Supreme Court seemed poised to act on the issue as well. While that does not insure that a federal ban on partial birth abortion will pass this year, it does raise the stakes over this controversial and gruesome procedure. Will Congress or the courts eventually ban this procedure? That seems more likely now than at any time in the past. Certainly the next few months will tell. But how will that take place?

The Current Climate

Publicity over the partial birth abortion procedure has helped build momentum. During the debate in October of 1999, Senator Rick Santorum and Senator Barbara Boxer engaged in the following exchange.

Santorum: But, again, what you are suggesting is if the baby's toe is inside the mother, you can, in fact, kill that baby.

Boxer: Absolutely not.

Santorum: Okay. So if the baby's toe is in, you can't kill the baby. How about if the baby's foot is in?

Boxer: You are the one who is making these statements.

Santorum: We are trying to draw a line here.

Boxer: I am not answering these questions.

Santorum: If the head is inside the mother, you can kill the baby.

Discussion and dialogue like this has helped solidify and bolster public opposition to partial birth abortion. Democratic Senator Daniel Patrick Moynihan has called this procedure "near-infanticide." Opinion polls show that he is not alone in his assessment. Even citizens and politicians who are sympathetic to abortion rights are repulsed by partial birth abortion.

Throughout this year the battle against partial birth abortion will be fought on two fronts: Congress and the courts. Pro-life advocates point out that vote counts in the Senate show they are getting very close to a veto-proof margin. Key senators forced to vote on this measure during an election year might make the difference.

Meanwhile, federal courts have forced the Supreme Court to deliberate on the issue. This fall federal judges in Wisconsin and Illinois found the partial birth abortion bans in their states to be constitutional. Before the laws could be implemented, Supreme Court Justice John Paul Stevens issued a stay that holds the two state laws in limbo until the high court disposes of the appeals.

Legal experts say that the order is written in such a way as to force the court to directly consider the constitutionality of partial birth abortions, or else the court must leave these state laws in place. In either case, this appears to be a pro-life victory.

Last summer in Arizona, an abortionist was performing a partial birth abortion on what he thought was a twenty-three week old. Suddenly he realized the baby was actually thirty-seven weeks old. He stopped the abortion and delivered the baby. The police said that, "At this point it doesn't appear that anybody will be charged with anything." The reason? Nothing illegal was done.

President Clinton continues to veto congressional bans on this

procedure, and judges continue to overturn state bans on this procedure. But it appears that in the year 2000 that is about to change.

The Biblical Perspective

Before we continue this discussion I wanted to focus on the biblical perspective of abortion. A key passage in this discussion is Psalm 139, where David reflected on God's sovereignty in his life.

The psalm opens with the acknowledgment that God is omniscient; He knows what the psalmist, David, is doing. God is aware of David's thoughts before he expresses them. Wherever David might go, he could not escape from God, whether he traveled to heaven or ventured into Sheol. God is in the remotest part of the sea and even in the darkness. David then contemplated the origin of his life and confessed that God was there forming him in the womb.

For you created my inmost being; you knit me together in my mother's womb. I praise you because I am fearfully and wonderfully made; your works are wonderful, I know that full well. My frame was not hidden from you when I was made in the secret place. When I was woven together in the depths of the earth, your eyes saw my unformed body. All the days ordained for me were written in your book before one of them came to be.

Here David wrote of God's relationship with him while he was growing and developing before birth. The Bible does not speak of fetal life as mere biochemistry. This is not a piece of protoplasm that became David. This was David already being cared for by God while in the womb.

Verse 13 speaks of God as the Master Craftsman, weaving and fashioning David into a living person. In verses 14-15 David reflected on the fact that he was a product of God's creative

work within his mother's womb, and he praised God for how wonderfully God had woven him together.

David drew a parallel between his development in the womb and Adam's creation from the earth. Using figurative language in verse 15, he referred to his life before birth when "I was made in secret, and skillfully wrought in the depths of the earth." This poetic allusion hearkens back to Genesis 2:7, which says that Adam was made from the dust of the earth.

David also noted that "thine eyes have seen my unformed substance." This shows that God knew David even before he was known to others. The term translated "unformed substance" derives from the verb "to roll up." When David was forming as a fetus, God's care and compassion were already extended to him. The reference to "God's eyes" is an Old Testament term connoting divine oversight of God in the life of an individual or a group of people.

While there are certainly other passages in the Old and New Testament that speak to the sanctity of human life, I believe that Psalm 139 is sufficient to show why Christians must oppose abortion, especially partial birth abortion. The unborn baby is a human being that God cares for. It should not be sacrificed in the womb for convenience or even for fetal parts that might improve the medical condition of another person. The unborn must be protected at every stage of development.

Partial birth abortion is a controversial and gruesome procedure. It is also against the will of God. Christians must speak out against the horror of this procedure and do whatever they can to make the procedure illegal.

Fetal Tissue Trafficking

I would like to turn our focus to a related issue: the traffic of fetal tissue parts. In the fall of 1999, a pro-life group by the name of Life Dynamics published their two-year

investigation of the traffic of fetal body parts. They produced copies of brochures, protocols, and price lists that document the interstate commerce of fetal body parts. One brochure touts “the freshest tissue available.” A price list provides a grim picture of the trafficking in cannibalized body parts: eyes are \$50 to \$75 depending on the age of the fetus, skin is \$100, a spinal cord is \$325.

The investigation provided new insight into why the fight against partial birth abortion has been so tough. Partial birth abortion, after all, is a difficult procedure that involves turning the fetus in the womb and removing it feet first. This complicates the abortion and therefore poses more risk to the mother. So why do abortionists do it? Fetal tissue parts. Quite simply, if you want an intact brain, spinal cord, or limbs, partial birth abortion will provide that in ways that other abortion techniques will not.

Essentially scientists who need human body parts for research have found a loophole in the federal law that prohibits the sale of body parts. Abortion clinics provide these companies with whole or dismembered aborted fetuses for a service fee. This is listed as a “site fee” which is “rental on the space” that a body parts company employee occupies within the clinic. The company can, therefore, argue that they are donating the parts, but charging reasonable costs for retrieval which the federal law does allow. As long as the retrieval fees are higher than the site fee, they can make a profit.

Just one look at the “Fees for Services Schedule” can be chilling. Prices for every conceivable body part are listed. But it’s important to notice that an intact embryonic cadaver costs \$600. Why should there be a retrieval fee for that? Why not just list the cost of shipping? This discrepancy illustrates how the body parts companies are trying to circumvent the law.

Gene Rudd, an obstetrician and member of the Christian Medical

and Dental Society's Bioethics Commission, said: "It's the inevitable logical progression of a society that, like Darwin, believes we came from nothing. . . . This is the inevitable slide down the slippery slope." He is appalled by this "death for profit" scheme that takes the weakest of the species to satisfy our desires.

Apparently women who come into an abortion clinic are asked to sign a document allowing the clinic to donate their aborted baby to research. No fetus may be used without permission. Then the clinic receives orders (usually from their fax machine) for parts that will be retrieved and shipped. Many of the protocols require that the specimens be obtained within minutes after the abortion and frozen or preserved.

Life Dynamics' two year investigation clearly documents what many of us suspected all along. The fight against partial birth abortion was so tough because a lot of money and fetal tissue was a stake. This procedure has little to do with providing women with choice and everything to do with the interstate trafficking of fetal body parts.

A technician identified as "Kelly" came to Life Dynamics with this story of the traffic of fetal body parts.

The doctor walked into the lab and set a steel pan on the table. "Got you some good specimens," he said. "Twins." The technician looked down at a pair of perfectly formed 24-week-old fetuses moving and gasping for air. Except for a few nicks from the surgical tongs that had pulled them out, they seemed uninjured. "There's something wrong here," the technician stammered. "They are moving. I don't do this."

She watched the doctor take a bottle of sterile water and fill the pan until the water ran over the babies' mouths and noses. Then she left the room. "I would not watch those fetuses moving," she recalls. "That's when I decided it was wrong."

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I believe their investigation provided new insight into why the fight against partial birth abortion has been so tough. This procedure provides fetal tissue parts that are intact and thus available to research labs for a profit. And these are respected, tax-funded laboratories pursuing laudable goals like treating diabetes and Parkinson's disease.

"Kelly" says that it was her job to go to abortion clinics to procure tissue "donations." She would get a generated list each day of what tissue researchers needed and then look at the particular patient charts to determine where the specimens would be obtained. She would look for the most perfect specimens to give the researchers "the best value that we could sell for."

Fetuses ranged in age from seven weeks to 30 weeks and beyond. Typically, "Kelly" harvested tissue from 30 to 40 "late" fetuses each week. These are delivered using the partial birth abortion procedure.

"Kelly" and others like her would harvest eyes, livers, brains, thymuses, and especially cardiac blood. Then they would pack and freeze the tissue and send them out by standard couriers (UPS, FedEx) to the research laboratories requesting the material. Life Dynamics has produced copies of forms for fetal parts from researchers. They contain the names of researchers, universities, pharmaceutical companies, and more.

Proponents of the research argue that the goal justifies the means. After all, these babies would have been aborted anyway. Why not use the discarded parts to further science and improve the quality of living of others? Christopher Hook, a fellow with the Center for Bioethics and Human Dignity calls this exploitation of the unborn "too high a price regardless of the

supposed benefit. We can never feel comfortable with identifying a group of our brothers and sisters who can be exploited for the good of the whole." He believes that, "Once we have crossed that line, we have betrayed our covenant with one another as a society and certainly the covenant of medicine."

This is the sad legacy of partial birth abortion and the international traffic of fetal body parts. Christians must stand up against this gruesome practice and reassert the sanctity of human life and work for the banning of these procedures.

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