

# 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.<sup>{2}</sup> 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. 1:27<sup>28</sup>) 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<sup>st</sup> century. Human beings are more than just proteins and nucleic acids. Human beings 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

1. Memo from Charles H. Duell, Director of the U.S. Patent Office, 1899.
2. Jacques Ellul, *The Technological Society* (New York: Vintage, 1964).
3. C. S. Lewis, *The Abolition of Man* (New York: Macmillan, 1947), 68-69, 71 (*italics his*).
4. Ethan Singer, cited in Nicholas Wade, “Gene Splicing: Congress Starts Framing Law for Research,” *Science*, 1 April 1977, 39.
5. Michael Crichton, *The Andromeda Strain* (New York: Dell, 1969).
6. Kenneth Woodward, “Thou Shalt Not Patent!” *Newsweek*, 29 May 1995, 68.
7. Testimony by Ethan Singer before the Subcommittee on Health and the Environment, House Committee on Interstate and Foreign Commerce, *Hearings*, 15 March 1977, 79.



8. Julian Huxley, cited in Joseph Fletcher, *The Ethics of Genetic Control* (Garden City, NY: Anchor, 1974), 8.
9. Erwin Chargaff, cited in George Wald, "The Case against Genetic Engineering," *The Sciences*, May 1976, 10.
10. Nancy McCann, "The DNA Maelstrom: Science and Industry Rewrite the Fifth Day of Creation," *Sojourners*, May 1977, 2326.
11. Philip Elmer-Dewitt, "The Genetic Revolution," *Time*, 17 January 1994, 49.
12. Skeptics sometimes argue that fighting disease is the same as fighting against God's will. Albert Camus poses this dilemma for Dr. Reux in *The Plague*. Christians should follow the cultural mandate (Gen. 1:28) and use genetic technology to treat and cure genetic disease.
13. Sharon Begley, "Little Lamb, Who Made Thee?" *Newsweek*, 10 March 1997, 55.
14. James Bonner, quoted in *Los Angeles Times*, 17 May 1971, 1.
15. N. N. Glazer, *Hammer on the Rock: A Short Midrash Reader* (New York: Schocken, 1962), 15.
16. Philip Elmer-De-Witt, "A Birthday Party for ENIAC," *Time*, 24 February 1986, 63.
17. "Machine of the Year," *Time*, 3 January 1983, 1324.
18. "Harper's Index," *Harper's*, October 1984, 9.
19. Ted Gest, "Who Is Watching You?" *U.S. News and World Report*, 12 July 1982, 35.
20. David Burnham, *The Rise of the Computer State* (New York: Random House, 1983).
21. Martha Farnsworth Riche, "The Rising Tide of Privacy

Laws," *American Demographics*, March 1990, 24.

22. Richard Lipkin, "Making Machines in Mind's Image," *Insight*, 15 February 1988, 812.

23. Robert Mueller and Erik Mueller, "Would an Intelligent Computer Have a 'Right to Life?'" *Creative Computing*, August 1983, 14961.

24. Danny Hillis, "Can They Feel Your Pain?" *Newsweek*, 5 May 1997, 57.

25. Robert Jastrow, "Toward an Intelligence beyond Man's," *Time*, 20 February 1978, 59.

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# Points of Contact

## Making Contact

In 1988 at the Republican National Convention, George Bush called for "a thousand points of light" as a part of his campaign for president. His intention was to encourage the involvement of a small but committed number of people who could make a difference. If only a few would answer the call, a thousand points of light emanating from communities large and small would touch the country. The implications of President Bush's phrase remind me of a phrase designed to instill the same concept in the members of a branch of our military: "The few, the proud, the Marines."

These ideas are not far removed from a concept that should be descriptive of Christian communities. We should be "points of

light" to the surrounding world, even if we are "the few." After all, Jesus said His disciples are "...the light of the world" (Matt. 5:14). (Of course He did not say we are to be "the proud," and most of us are not Marines. But I think you get the idea.) Jesus continues with this exhortation: "Let your light shine before men in such a way that they may see your good works, and glorify your Father who is in heaven" (Matt. 5:16). How can we shine the light of Christ in the surrounding world? I submit that one response to this question is this: We can be points of light by establishing points of contact.

You may be thinking, "Just what is meant by a point of contact?" Good question! Let me attempt to explain. For our purposes in this series a "point of contact" contains several points (pardon the pun).

1. Its purpose is to activate conversation that leads to evangelism.
2. It stimulates dialogue.
3. It enables you to make a transition from a non-Christian worldview to a Christian worldview.
4. It serves as a "bridge" to someone who might not otherwise respond to the gospel.
5. It encourages you to meet a person where "he lives" mentally and spiritually.
6. It provides a positive challenge to use your God-given creativity, instead of relying on a "canned" approach.
7. It stretches you to converse with non-believers in ways that can be understood by them. As C. S. Lewis wrote, "I have come to the conviction that if you cannot translate your thoughts into uneducated language, then your thoughts were confused. Power to translate is the test of having really

understood one's own meaning." {1} Christians tend to have their own "educated language." We may understand one another. But the non-Christian probably has no idea what we are saying; he is uneducated in our language. {2}

All of these points assume that you are sharing what we will call a "common life" with those around you. What are some of the elements of this common life? You probably share time and space each day with friends, business colleagues, neighbors, sports opponents, people on the train or plane, and a host of other possibilities. But these refer only to the physical portion of your common life. What about such things as the news media, television programming, movies, magazines, sporting events, and many others that are shared, paradoxically, when we may be alone? They too are part of the common life we share, whether Christian or non-Christian. Such things provide points of contact. They can be bridges to the gospel.

## **Pertinent Points**

Have you ever traveled over the Golden Gate Bridge, or maybe the bridge over the Royal Gorge? If so, why were you on such bridges? Usually we assume they have been constructed to transport us from one side of a gap to another. There is a significant gap between you and your destination on the other side. A bridge provides at least one way to get there.

How large is the gap between Christians and non-Christians? Most Christians would reply that the gap is enormous, and in a theological sense they are correct. The Christian worldview is on one side of a chasm, and non-Christian worldviews are on the other. Such a predicament could be left as it is, which is the case for too many Christians. But part of the Christian's responsibility is to "bridge" that gap with the amazing truth of the gospel. Points of contact can provide the raw materials for the building of such a bridge.

Alister McGrath, a great theologian and apologist of our time, has suggested several such points of contact that are shared by all people. These can be useful as you begin to erect a bridge.<sup>{3}</sup> As we consider such points, use your imagination and think of ways in which you might engage someone in conversation.

First, most people have a *sense of unsatisfied longing*. We are made in the image of God. We have an inbuilt capacity—indeed, an inbuilt *need*—to relate to God. Nothing that is transitory can ever fill this need. Created things are substituted for God, and they do not satisfy.

A major portion of my life includes involvement in the musical world. I have performed a wide assortment of music styles. But in particular, I have developed a great appreciation for what most people call “classical music.”

One of the more intriguing aspects of classical music history of the nineteenth and early twentieth centuries is a “sense of unsatisfied longing.” For example, Gustav Mahler continually composed in order to come to grips with that longing. One of his close friends, the great conductor Bruno Walter, put it like this: “Fundamentally, there never was relief for him from the sorrowful struggle to fathom the meaning of human existence.”<sup>{4}</sup> When I hear Mahler’s music, I hear that “sorrowful struggle” and think of how I may have talked with the great composer himself.

Second, most people have a sense of *human rationality*. This resonance of reason with God is a harmony of rationality, hinting that human nature is still marked with the *imago Dei* [image of God]. Given the Christian understanding of who God is and what He is like, our knowledge of both our rational selves and the rational world ties in with belief in His rational and creative existence.

C. S. Lewis expressed this point by focusing on the

probability of a mind. He wrote, "What is behind the universe is more like a mind than it is like anything else we know. That is to say, it is conscious, and has purposes, and prefers one thing to another. It made the universe, partly for purposes we do not know, but partly, at any rate, in order to produce creatures like itself . . . to the extent of having minds." [\[5\]](#)

Third, most people have a sense of *the ordering of the world*. Modern science has demonstrated that the world is ordered. But its disclosure of an intelligible and delicately balanced structure raises questions that transcend the scientific and provide an intellectual restlessness that seeks adequate explanation. Perhaps the most fundamental of these questions can be summarized in a single word: Why?

Think of the newspapers, books, and magazines you read. They consist of ordered arrangements of ink on paper. "Neither the chemistry of the ink nor the shapes of the letters determines the meaning of the text. In short, the message transcends the properties of the medium." [\[6\]](#) The message requires a messenger.

Fourth, most people have a sense of *human morality*. Most humans realize the importance of moral obligation or at least they have an awareness of the need for some kind of agreement on morality. [\[7\]](#)

Perhaps this is noticed most easily when sensational crimes are committed, as when Charles Manson murdered Sharon Tate and her friends. Even though the public may not agree on how justice should be carried out, seldom do we hear that the crime was a good thing. Invariably there is a sense of moral outrage and a cry for justice.

Fifth, many people struggle with a sense of *existential anxiety and alienation*. This reflects a deeply rooted fear of meaninglessness and pointlessness, a sense of the utter

futility of life, even sheer despair at the bewildering things that threaten to reduce us to nothing more than a statistic—ultimately a mortality statistic. While it seems trite to talk about “the meaning of life,” it is a question that lingers at the edges (and sometimes squarely in the center) of reflective human existence.[\[8\]](#)

The twentieth century is replete with famous examples of this point. From the philosophical intricacies of people such as Jean-Paul Sartre, to the expletives of punk-rocker Johnny Rotten, many have struggled with anxiety and alienation. Even a German word, *angst*, has entered our vocabulary as a statement of such states of mind. “Man has a sense of dread (*Angst*); he is a being thrust into the world and headed for death (nothingness) with no explanation [that] ‘there is something rather than nothing at all.’”[\[9\]](#) Contrary to the openness of those such as Sartre and Rotten, this point of contact is one of the more “quiet” ones, in that it is not openly stated. Anxiety and alienation generally are not easily seen and heard; one has to be sensitive to what lies below the surface.

Sixth, most people have an *awareness of finitude and mortality*. The fear of death, often voiced in terms of a radical inability to cope with the brute fact of human existence, runs deep in human nature. As the writer/director/actor Woody Allen said, “I’m not frightened of dying. I just don’t want to be there when it happens.”

Physical death, perhaps the most universally realized truth, may be the least discussed. It is inevitable, but its mystery so often stirs terror or resignation. Listen to Shakespeare’s *Macbeth*:

*To-morrow, and to-morrow, and to-morrow,  
Creeps in this petty pace from day to day  
To the last syllable of recorded time,  
And all our yesterdays have lighted fools*

*The way to dusty death.  
Out, out, brief candle!  
Life's but a walking shadow, a poor player  
That struts and frets his hour upon the stage  
And then is heard no more: it is a tale  
Told by an idiot, full of sound and fury,  
Signifying nothing.*[{10}](#)

If you could talk with people like Charles Manson, Johnny Rotten, Woody Allen, or the fictional Macbeth, how would you respond? Would you consider how these points of contact could be used to engage them in conversation? Would you think carefully about how God may use you to get their attention?

## **Biblical Points of Contact**

Mustard seeds, hidden treasure, vineyards, debtors, fig trees, sheep, money. What do such things have in common? You probably recognize such terms from the parables that Jesus used to teach spiritual principles. We could add many more phrases, because the Gospels contain many instances when Jesus used His favorite teaching device as a point of contact with His listeners.

Just what is a parable? Literally, the word means, “to throw alongside.” Parables “...were used by Jesus to teach a truth, illustrate a doctrine, or move His audience to a moral attitude or act.”[{11}](#) Apparently they were used spontaneously in light of an immediate situation or conflict, and they focused on what was familiar to the audience.[{12}](#) These characteristics are indicative of how Jesus was able to get the kind of attention that opened doors to important truths. When we attempt to find a point of contact, we are following Jesus’ example. We may not use a parable, but we are responding to an immediate situation spontaneously in a way that is familiar to our audience.



So a parable is one device found in the Bible that can be used as a point of contact. When we read the Gospels they are hard to miss. But Jesus used other devices as well.

One example of this is found in the story of His encounter with the Samaritan woman at the well. Both Jesus and the woman initially were at the well for water, but Jesus quickly engaged her in conversation concerning something beyond physical water. His point of contact was the water, but He quickly used that as a “springboard” that drew her focused attention. He said, “If you knew the gift of God, and who it is who says to you, ‘Give Me a drink,’ you would have asked Him, and He would have given you living water” (John 4:10). Imagine if you had heard such a response! Don’t you think your interest would have been piqued? This encounter provides an example very different from a parable. Let’s call it a “curiosity contact.” That is, Jesus raised the woman’s curiosity about whom He was and what He had to say. Her life was forever changed as a result.

At this point you may be thinking, “Yes, I see what Jesus did through points of contact. But obviously, I’m not Jesus. I can’t do what He did.” To a point, you are correct. You certainly are not Jesus, but you can follow His example. The book of Acts contains instances of this. Let’s consider two of those.

The eighth chapter of Acts includes Philip’s famous dialogue with an Ethiopian eunuch. The Holy Spirit had led Philip to the eunuch, but it appears that Philip creatively and spontaneously addressed the man. He saw that he was reading, so he asked, “Do you understand what you are reading?” (Acts 8:30). What a wonderful point of contact! Philip then was given an opportunity to direct their conversation towards the gospel. Such an encounter reminds me of a question most of us have asked: “What are you reading?” In addition to asking that question, today we may ask, “What are you watching?”

Paul's defense of the faith at Mars Hill in Athens provides another illustration of selecting a point of contact. The city was filled with thousands of idols. Paul had noticed one such idol that was inscribed, "to an unknown god" (Acts 17:23). An idol became his point of contact! Thus he began to proclaim the truth in response to their admitted ignorance.

What are some of the points of contact in your daily life?

## **Contemporary Contacts**

You are taking a walk around your neighborhood. As you turn a corner a few blocks from your house, you see an old friend whom you have not seen in a couple of years. She is riding a bicycle in your direction. As she gets closer she recognizes you and stops. The two of you strike up a conversation that revolves around the kinds of things that usually are discussed on such occasions: Have you seen Sally lately? Did you hear about Jim's divorce? How are your children? Then you realize that God's Spirit is encouraging you to guide the conversation toward Christ. You are thinking of a way to do this when you suddenly notice that she is wearing an especially beautiful necklace with a cross. You comment on her jewelry, then you ask, "What does the cross represent?" She responds by saying it's just a nice piece of jewelry that was given to her by her daughter. But it has no "religious significance." You respond to her statement by sharing the true meaning and significance of the cross.

This fictitious story demonstrates how a point of contact can lead to an opportunity to share the gospel. In order to bring this discussion to a conclusion, we will give attention to six ways points of contact can give you an open door for God's truth.

First, be attentive to your God-given imagination. Of all people, Christians should creatively interact with the world around them for the glory of God. This may mean you will need

to practice the habit of “sharpening your focus” on the world around you. Maybe you can begin to see with new eyes and hear with new ears.

Second, be attentive to the things most people have in common. A piece of jewelry was the common element in the illustration that was used to begin this program. Jewelry is something most people have in common. But whether it’s jewelry, clothes, houses, cars, children, sports, or a long list of other things, you can find a point of contact among them.

Third, be attentive to those things that are most important to the person with whom you are sharing. For example, most people think of their immediate family as the most important part of their lives. Points of contact abound when you are sensitive to what is most important in a person’s life.

Fourth, be attentive to the subjects that occupy someone’s conversations. If the person with whom you are conversing talks a great deal about movies, find a point of contact there. If another person is fanatical about sports, find a point of contact there. If a hobby is the center of conversation, find a point of contact there. Such a list virtually is endless.

Fifth, be attentive to areas of greatest immediate need. Some people may dwell on their poor health. Others may concentrate on failures in their lives. Or maybe you will find yourself in conversation with someone who is bitter about something that happened in the past. Again, such a list of possibilities virtually is endless. All of them supply points of contact.

Sixth, and most important, be attentive to what the Spirit of God is telling you. He is not silent; He will bring appropriate things to your attention. Any point of contact will only be effective as the Spirit guides you to respond.

The world around us is starving for contact. People need to hear what God has to say through us. He will guide us to make

contact for His glory. We are God's messengers of hope. I hope we get the point.

## Notes

1. C. S. Lewis, *God in the Dock* (Grand Rapids, MI: Eerdmans, 1970), 98.
2. See my article [Christian Cliches](#).
3. Alister McGrath, *Intellectuals Don't Need God & Other Modern Myths* (Grand Rapids, MI: Zondervan, 1993), 30-47.
4. Bruno Walter, *Gustav Mahler* (New York: Vienna House, 1941), 129.
5. C. S. Lewis, *Mere Christianity* (New York: Macmillan, 1952), 31-32. Quoted in McGrath, *Intellectuals Don't Need God*, 35.
6. Stephen C. Meyer, "The Explanatory Power of Design: DNA and the Origin of Information." In *Mere Creation: Science, Faith & Intelligent Design*, ed. William A. Dembski (Downers Grove, IL: InterVarsity, 1998), 135.
7. I recommend that you read the opening portion of C. S. Lewis' *Mere Christianity* (New York: MacMillan, 1943) for a brilliant exposition of this point. Actually, you should read the entire book; you will benefit from it. It has become a classic.
8. See my article [The Meaning of Life](#).
9. Norman L. Geisler and Paul D. Feinberg, *Introduction to Philosophy: A Christian Perspective* (Grand Rapids, MI: Baker,

1980), 48.

10. William Shakespeare, *Macbeth*, Act V, Scene V. In *The Complete Works of William Shakespeare*, Vol. 2, W. G. Clark and W. Aldis Wright, eds. (Garden City: Nelson Doubleday, n.d.), 813.

11. Leland Ryken, *The Literature of the Bible* (Grand Rapids, MI: Zondervan, 1974), 302.

12. Ibid.

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