

“Is There a Genetic Component to Homosexuality?”

Dear Dr. Bohlin,

I noticed that you have some background in genetics. I am writing an article involving homosexuality for my own website. Many homosexuals want to say they are “born” that way, or that God made them homosexual. However, the evidence so far is unconvincing.

I am a student of science and scientific knowledge and have some background in science as well. I believe that there may be a genetic component to what some homosexuals experience.

Also, I’ve been thinking that some homosexuals may have a genetic defect somewhere that we may discover. They may not want to hear or believe this, but I think it is a possibility. They don’t seem to realize that just because they may be “born” homosexual does not mean that they were meant to be homosexual. For example, some are born with sickle-cell anemia, but we know that this is due to a genetic defect and that this is abnormal for red blood cells. This is a problem that needs to be fixed. I think we may find in the genetic code a defect that leads some to homosexuality. I purposely used the word “some” in my statements because I think it is pretty well established by now that homosexuality is not a monolith and that some of them do choose this lifestyle deliberately. So what do you think?

No one has identified any gene that has been linked to homosexuality. Dean Hamer reportedly found a chromosomal region that was prevalent in male homosexuals but his work was unrepeatable and has been largely discarded.

It certainly is possible that there may be a gene or sets of genes that predispose someone to homosexuality. But you

correctly surmise that this in no way would determine homosexual behavior. We all probably have genetic predispositions of one sort or another that make it easier for us to sin in some areas than in others. This could be similar to suspected predispositions for some to alcoholism (as found in some races and ethnic groups). This does not mean their alcoholism is excused or acceptable. The same would be true of any predisposition to homosexuality.

Keep in mind also that many who desire to leave the homosexual lifestyle can and do, and many have successfully worked to change their romantic and sexual attractions. If it were in any way genetically determined, this would not be possible. It would be like choosing to have genetically blue eyes and blonde hair (hair coloring and colored contact lenses aside).

Also, many in the gay community are distancing themselves from any genetic component to homosexuality because that would mean a genetic test could eventually be developed for it. They know full well that many parents would likely choose to have any embryo/fetus testing positive for homosexuality to be aborted or simply not implanted in the case of IVF.

Respectfully,

Ray Bohlin, PhD
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Homosexual Theology: A

Biblically Sound View

Kerby Anderson helps understand the complete biblical perspective on homosexuality. As Christians, Kerby helps us understand the biblical truth and how to apply it with compassion in our dealings with those around us.

The Sin of Sodom—Genesis 19

Does the Bible condemn homosexuality? For centuries the answer to that question seemed obvious, but in the last few decades pro-homosexual commentators have tried to reinterpret the relevant biblical passages. In this discussion we will take a look at their exegesis.

The first reference to homosexuality in the Bible is found in Genesis 19. In this passage, Lot entertains two angels who come to the city to investigate its sins. Before they go to bed, all the men (from every part of the city of Sodom) surround the house and order him to bring out the men so that “we may know them.” Historically commentators have always assumed that the Hebrew word for “know” meant that the men of the city wanted to have sex with the visitors.

More recently, proponents of homosexuality argue that biblical commentators misunderstand the story of Sodom. They argue that the men of the city merely wanted to meet these visitors. Either they were anxious to extend Middle-eastern hospitality or they wanted to interrogate the men and make sure they weren’t spies. In either case, they argue, the passage has nothing to do with homosexuality. The sin of Sodom is not homosexuality, they say, but inhospitality.

One of the keys to understanding this passage is the proper translation of the Hebrew word for “know.” Pro-homosexuality commentators point out that this word can also mean “to get acquainted with” as well as mean “to have intercourse with.”

In fact, the word appears over 943 times in the Old Testament, and only 12 times does it mean “to have intercourse with.” Therefore, they conclude that the sin of Sodom had nothing to do with homosexuality.

The problem with the argument is context. Statistics is not the same as exegesis. Word count alone should not be the sole criterion for the meaning of a word. And even if a statistical count should be used, the argument backfires. Of the 12 times the word “to know” is used in the book of Genesis, in 10 of those 12 it means “to have intercourse with.”

Second, the context does not warrant the interpretation that the men only wanted to get acquainted with the strangers. Notice that Lot decides to offer his two daughters instead. In reading the passage, one can sense Lot’s panic as he foolishly offers his virgin daughters to the crowd instead of the foreigners. This is not the action of a man responding to the crowd’s request “to become acquainted with” the men.

Notice that Lot describes his daughters as women who “have not known” a man. Obviously this implies sexual intercourse and does not mean “to be acquainted with.” It is unlikely that the first use of the word “to know” differs from the second use of the word. Both times the word “to know” should be translated “to have intercourse with.” This is the only consistent translation for the passage.

Finally, Jude 7 provides a commentary on Genesis 19. The New Testament reference states that the sin of Sodom involved gross immorality and going after strange flesh. The phrase “strange flesh” could imply homosexuality or bestiality and provides further evidence that the sin of Sodom was not inhospitality but homosexuality.

Contrary to what pro-homosexual commentators say, Genesis 19 is a clear condemnation of homosexuality. Next we will look at another set of Old Testament passages dealing with the issue

of homosexuality.

Mosaic Law—Leviticus 18, 20

Now we will look at the Mosaic Law. Two passages in Leviticus call homosexuality an abomination. Leviticus 18:22 says, “Do not lie with a man as one lies with a woman; that is detestable.” Leviticus 20:13 says, “If a man lies with a man as one lies with a woman, both of them have done what is detestable.” The word for “abomination” is used five times in Leviticus 18 and is a strong term of disapproval, implying that something is abhorrent to God. Biblical commentators see these verses as an expansion of the seventh commandment. Though not an exhaustive list of sexual sins, they are representative of the common sinful practices of nations surrounding Israel.

Pro-homosexual commentators have more difficulty dealing with these relatively simple passages of Scripture, but usually offer one of two responses. Some argue that these verses appear in the Holiness code of the Leviticus and only applies to the priests and ritual purity. Therefore, according to this perspective, these are religious prohibitions, not moral prohibitions. Others argue that these prohibitions were merely for the Old Testament theocracy and are not relevant today. They suggest that if Christians wanted to be consistent with the Old Testament law code in Leviticus, they should avoid eating rare steak, wearing mixed fabrics, and having marital intercourse during the menstrual period.

First, do these passages merely apply to ritual purity rather than moral purity? Part of the problem comes from making the two issues distinct. The priests were to model moral behavior within their ceremonial rituals. Moral purity and ritual purity cannot be separated, especially when discussing the issue of human sexuality. To hold to this rigid distinction would imply that such sins as adultery were not immoral (consider Lev. 18:20) or that bestiality was morally

acceptable (notice Lev. 18:23). The second argument concerns the relevance of the law today. Few Christians today keep kosher kitchens or balk at wearing clothes interwoven with more than one fabric. They believe that those Old Testament laws do not pertain to them. In a similar way pro-homosexual commentators argue that the Old Testament admonitions against homosexuality are no longer relevant today. A practical problem with this argument is that more than just homosexuality would have to be deemed morally acceptable. The logical extension of this argument would also have to make bestiality and incest morally acceptable since prohibitions to these two sins surround the prohibition against homosexuality. If the Mosaic law is irrelevant to homosexuality, then it is also irrelevant to having sex with animals or having sex with children.

More to the point, to say that the Mosaic law has ended is not to say that God has no laws or moral codes for mankind. Even though the ceremonial law has passed, the moral law remains. The New Testament speaks of the “law of the Spirit” (Rom. 8:2) and the “law of Christ” (Gal. 6:2). One cannot say that something that was sin under the Law is not sin under grace. Ceremonial laws concerning diet or wearing mixed fabrics no longer apply, but moral laws (especially those rooted in God’s creation order for human sexuality) continue. Moreover, these prohibitions against homosexuality can also be found in the New Testament as we will see next as we consider other passages reinterpreted by pro-homosexual commentators.

New Testament Passages

In our examination of the Old Testament teachings regarding homosexuality, we found that Genesis 19 teaches that the men of Sodom were seeking the strangers in order to have sex with them, not merely asking to meet these men or to extend Middle Eastern hospitality to them. We also discovered that certain passages in Leviticus clearly condemn homosexuality and are

relevant today. These prohibitions were not just for the Old Testament theocracy, but were moral principles binding on human behavior and conduct today.

At this point we will consider some of the New Testament passages dealing with homosexuality. Three key New Testament passages concerning homosexuality are: Romans 1:26-27, 1 Corinthians 6:9, and 1 Timothy 1:10. Of the three, the most significant is Romans 1 because it deals with homosexuality within the larger cultural context.

Because of this, God gave them over to shameful lusts. Even their women exchanged natural relations for unnatural ones. In the same way the men also abandoned natural relations with women and were inflamed with lust for one another. Men committed indecent acts with other men, and received in themselves the due penalty for their perversion.

Here the Apostle Paul sets the Gentile world's guilt before a holy God and focuses on the arrogance and lust of the Hellenistic world. He says they have turned away from a true worship of God so that "God gave them over to shameful lusts." Rather than follow God's instruction in their lives, they "suppress the truth in unrighteousness" (Rom. 1:18) and follow passions that dishonor God.

Another New Testament passage dealing with homosexuality is 1 Corinthians 6:9-10. "Do you not know that the wicked will not inherit the kingdom of God? Do not be deceived: Neither the sexually immoral nor idolaters nor adulterers nor male prostitutes nor homosexual offenders nor thieves nor the greedy nor drunkards nor slanderers nor swindlers will inherit the kingdom of God." Pro-homosexual commentators make use of the "abuse" argument and point out that Paul is only singling out homosexual offenders. In other words, they argue that the Apostle Paul is condemning homosexual abuse rather than responsible homosexual behavior. In essence, these

commentators are suggesting that Paul is calling for temperance rather than abstinence. While this could be a reasonable interpretation for drinking wine (don't be a drunkard), it hardly applies to other sins listed in 1 Corinthians 6 or 1 Timothy 1. Is Paul calling for responsible adultery or responsible prostitution? Is there such a thing as moral theft and swindling? Obviously the argument breaks down. Scripture never condones sex outside of marriage (premarital sex, extramarital sex, homosexual sex). God created man and woman for the institution of marriage (Gen. 2:24). Homosexuality is a violation of the creation order, and God clearly condemns it as unnatural and specifically against His ordained order. As we have seen in the discussion thus far, there are passages in both the Old Testament and the New Testament which condemn homosexuality.

“God Made Me Gay,” Part 1

At this point in our discussion, we need to consider the claim made by some homosexuals that, “God made me gay.” Is this true? Is there a biological basis to homosexuality? For the remainder of this essay, we will consider the evidence usually cited. Simon LeVay (a neuroscientist at the Salk Institute) has argued that homosexuals and heterosexuals have notable differences in the structure of their brains. In 1991, he studied 41 cadavers and found that a specific portion of the hypothalamus (the area that governs sexual activity) was consistently smaller in homosexuals than in heterosexuals. He therefore argued that there is a distinct physiological component to sexual orientation. There are numerous problems with the study. First, there was considerable range in the size of the hypothalamic region. In a few homosexual men, this region was the same size as that of the heterosexuals, and in a few heterosexuals this region was as small as that of a homosexual.

Second is the chicken and egg problem. When there is a

difference in brain structure, is the difference the *result* of sexual orientation or is it the *cause* of sexual orientation? Researchers, for example, have found that when people who become blind begin to learn Braille, the area of the brain controlling the reading finger actual grows larger. Third, Simon LeVay later had to admit that he didn't know the sexual orientation of some of the cadavers in the study. He acknowledged that he wasn't sure if the heterosexual males in the study were actually heterosexual. Since some of those he identified as "heterosexual" died of AIDS, critics raised doubts about the accuracy of his study.

In December 1991, Michael Bailey and Richard Pillard published a study of homosexuality in twins. They surveyed homosexual men about their brothers and found statistics they believed proved that sexual orientation is biological. Of the homosexuals who had identical twin brothers, 52 percent of those twins were also homosexual, 22 percent of those who had fraternal twins said that their twin was gay, and only 11 percent of those who had an adopted sibling said their adopted brothers were also homosexual. They attributed the differences in those percentages to the differences in genetic material shared.

Though this study has also been touted as proving a genetic basis to homosexuality, there are significant problems. First, the theory is not new. It was first proposed in 1952. Since that time, three other separate research studies come to very different conclusions. Therefore, the conclusions of the Bailey-Pillard study should be considered in the light of other contrary studies. Second, most published reports did not mention that only 9 percent of the non- twin brothers of homosexuals were homosexuals. Fraternal twins share no more genetic material than non-twin brothers, yet homosexuals are more than twice as likely to share their sexual orientation with a fraternal twin than with a non-twin brother. Whatever the reason, the answer cannot be genetic.

Third, why aren't nearly all identical twin brothers of homosexuals also homosexual? In other words, if biology is determinative, why are nearly half the identical twins not homosexual? Dr. Bailey admitted that there "must be something in the environment to yield the discordant twins." And that is precisely the point; there is something (perhaps everything) in the environment to explain sexual orientation. These are two studies usually cited as evidence of a biological basis for homosexuality. Next we will consider a third study often cited to prove the claim that "God made me gay."

"God Made Me Gay," Part 2

Now let's look at another study often cited as proof of this claim. This study is often called the "gay gene" study. In 1993, a team of researchers led by Dr. Dean Hamer announced "preliminary" findings from research into the connection between homosexuality and genetic inheritance. In a sample of 76 homosexual males, the researchers found a statistically higher incidence of homosexuality in their male relatives (brothers, uncles) on their mother's side of the family. This suggested a possible inherited link through the X chromosome. A follow-up study of 40 pairs of homosexual brothers found that 33 shared a variation in a small section of the X chromosome. Although this study was promoted by the press as evidence of the discovery of a gay gene, some of the same concerns raised with the previous two studies apply here. First, the findings involve a limited sample size and are therefore sketchy. Even the researchers acknowledged that these were "preliminary" findings. In addition to the sample size being small, there was no control testing done for heterosexual brothers. Another major issue raised by critics of the study concerned the lack of sufficient research done on the social histories of the families involved.

Second, similarity does not prove cause. Just because 33 pairs of homosexual brothers share a genetic variation doesn't mean

that variation causes homosexuality. And what about the other 7 pairs that did not show the variation but were homosexuals?

Finally, research bias may again be an issue. Dr. Hamer and at least one of his other team members are homosexual. It appears that this was deliberately kept from the press and was only revealed later. Dr. Hamer it turns out is not merely an objective observer. He has presented himself as an expert witness on homosexuality, and he has stated that he hopes his research would give comfort to men feeling guilty about their homosexuality.

By the way, this was a problem in every one of the studies we have mentioned in our discussion. For example, Dr. Simon LeVay said that he was driven to study the potential physiological roots of homosexuality after his homosexual lover died of AIDS. He even admitted that if he failed to find a genetic cause for homosexuality that he might walk away from science altogether. Later he did just that by moving to West Hollywood to open up a small, unaccredited "study center" focusing on homosexuality.

Each of these three studies looking for a biological cause for homosexuality has its flaws. Does that mean that there is no physiological component to homosexuality? Not at all. Actually, it is probably too early to say conclusively. Scientists may indeed discover a clear biological predisposition to sexual orientation. But a predisposition is not the same as a determination. Some people may inherit a predisposition for anger, depression, or alcoholism, yet we do not condone these behaviors. And even if violence, depression, or alcoholism were proven to be inborn (determined by genetic material), would we accept them as normal and refuse to treat them? Of course not. The Bible has clear statements about such things as anger and alcoholism. Likewise, the Bible has clear statements about homosexuality.

In our discussion in this transcript, we have examined the

various claims of pro-homosexual commentators and found them wanting. Contrary to their claims, the Bible does not condone homosexual behavior.

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