

C.S. Lewis as Evangelist

Dr. Michael Gleghorn provides an insightful examination of how legendary Christian author C.S. Lewis used his writing to invite his readers to put their faith in Jesus Christ.

Lewis and Evangelism

“C. S. Lewis never invited unbelievers to come to Jesus. He was a very successful evangelist.” So begins Michael Ward’s essay “Escape to Wallaby Wood: Lewis’s Depictions of Conversion.” Ward follows up this provocative comment with others like it. For example, “Einstein failed his entrance exam to the Federal Polytechnic. He was a very successful physicist.”[\[1\]](#) What is Ward wanting us to see here?



While he recognizes that his initial statement about Lewis needs some qualification, he’s nonetheless put his finger on something very important about Lewis’s evangelistic style. For while Lewis had a heart for evangelism, and desired to see men and women surrender their lives to Christ, he’s not the sort of person one would typically think of when hearing the term “evangelist.” One might readily describe Lewis as a Christian apologist or imaginative storyteller, a literary scholar or skillful debater, but “evangelist” would probably not top the list. Nevertheless, it’s important to remember that Lewis engaged in evangelistic activity in a variety of ways. While he was certainly not a “preaching” or “revivalistic” sort of evangelist, he was a “very successful evangelist” all the same.

Philip Ryken has helpfully described Lewis as a “teaching

evangelist," a "praying evangelist," and a "discipling evangelist." Most important of all, however, he refers to Lewis as a "writing" or "literary evangelist." And this is surely correct, for Lewis's greatest "evangelistic impact" has been felt through his books and essays.{2}

Not long before his death, Lewis was interviewed by Sherwood Wirt of the Billy Graham Evangelistic Association. When asked if the aim of Christian writing (including his own writing) was to bring about an encounter between the reader and Jesus Christ, Lewis responded by saying, "That is not my language, yet it is the purpose I have in view." {3} Moreover, in his "Rejoinder to Dr. Pittenger," Lewis frankly confesses that most of his popular Christian books "are evangelistic" in character, and addressed to those outside the Christian faith.{4}

Of course, Lewis was not *merely* a "literary evangelist." While such terminology captures the fundamental way in which Lewis shared his faith, it was certainly not the only way. Moreover, evangelism was not something Lewis did simply because he enjoyed it. He felt an obligation, even a burden, to make Christ known to others.{5} And as we'll see later, these evangelistic concerns and motivations came with a very real cost to Lewis in terms of his professional career and friendships.{6}

The Significance of Lewis's Conversion

If there's one thing Lewis makes clear about his *own* conversion, first to theism and then to Christianity, it's that he felt himself to have been *pursued* by God and *drawn* into relationship with Him. While in one sense he saw his conversion as arising from a "wholly free choice" on his part, he also saw it as resulting from a kind of Divine necessity.{7} Lewis makes this clear in his spiritual autobiography, *Surprised by Joy*.

Consider the description of his conversion to Theism: "You must picture me alone in that room in Magdalen, night after night, feeling, whenever my mind lifted even for a second from my work, the steady, unrelenting approach of Him whom I so earnestly desired not to meet." Eventually, Lewis tells us, he "gave in, and admitted that God was God, and knelt and prayed," describing himself as "perhaps, that night, the most dejected and reluctant convert in all England."[\[8\]](#)

Interestingly, before this, Lewis had described God as offering him "a moment of wholly free choice"—an opportunity to either "open the door or keep it shut." He tells us that he chose to open it, but almost immediately relates that "it did not really seem possible to do the opposite." He goes on to speculate that perhaps "necessity" is not "the opposite of freedom."[\[9\]](#) All of this reveals how significant Lewis found God's involvement in his conversion to actually be.

His conversion to Christianity is similarly, if less dramatically, narrated. He writes of feeling "a resistance almost as strong as" his "previous resistance to Theism."[\[10\]](#) But having been through something similar already, the resistance was "shorter-lived." While being driven to Whipsnade Zoo, Lewis came to believe "that Jesus Christ is the Son of God." He once again speculates about whether this momentous event resulted from freedom or necessity and concludes that maybe the difference in such a case is inconsequential.[\[11\]](#)

But why is this important for a discussion of Lewis and evangelism? Because it helps us understand how Lewis (on the one hand) could work tirelessly for the salvation of others, while also (on the other) recognizing that God was so powerfully involved in the conversion of a human soul that he (i.e., Lewis) need never worry that such weighty matters depended solely on him. He could thus be a relaxed evangelist, using his gifts to point others to Christ, while also recognizing that salvation is ultimately a work of God.

The Importance of “Translation” in Lewis’s Evangelistic Work

So far, we’ve seen that the most important of Lewis’s evangelism was through his writings. Indeed, the first book Lewis wrote, after becoming a Christian, was *The Pilgrim’s Regress*. Published in 1933, the book bears the rather lengthy subtitle: “An Allegorical Apology for Christianity, Romanticism, and Reason.” And as with so many of the books that followed Lewis’s conversion, it was concerned to commend Christianity to others.

In 1938, Lewis published the first volume of his “Cosmic Trilogy,” titled *Out of the Silent Planet*.^{12} In this book, Lewis communicates elements of Christian theology within the context of a science-fiction adventure story. In 1940, he published *The Problem of Pain*, a work of Christian apologetics concerned to address the problem of evil and suffering. As I’ve noted elsewhere, this book “attracted the attention of James Welch, the Director of Religious Broadcasting for the . . . BBC.”^{13} Welch wrote to Lewis, asking if he might be willing to compose a series of broadcast talks for the BBC. Lewis accepted the invitation, and the talks he composed eventually became the first book of his now classic statement of basic theology, *Mere Christianity*.^{14} These influential talks were delivered during the years of World War II.

In addition to these now-famous “broadcast talks,” Lewis also spoke to the men and women of the Royal Air Force during the war. Such experiences helped teach Lewis the importance (and even necessity) of “translating” Christian doctrine into terms the average layperson could readily understand. Lewis wanted to communicate Christian truth to his audience, and he realized that to do so effectively, he needed to learn their language.^{15} He thus described his task as “that of a *translator*—one turning Christian doctrine . . . into language that unscholarly people would attend to and could

understand.”{16}

It was Lewis’s skill as a “translator” that made him so successful as a “literary evangelist.” Few writers have been so effective at communicating the essential truths of Christianity to a broad, general, and often unbelieving audience, as C. S. Lewis. Indeed, Lewis placed so much importance on “translating” Christian truth into the language of the average layperson that he thought every ordination exam ought to require that the examinee demonstrate an ability to do it.{17} And in *Mere Christianity* (along with other works), we get a glimpse of Lewis doing this very thing.

Evangelism in Lewis’s Fiction

In discussing the evangelistic work of C. S. Lewis, we’ve seen how Lewis’s evangelistic concerns impacted his work as a popular Christian apologist. Now it’s time to consider how these same concerns find expression in his fiction. In his essay, “Sometimes Fairy Stories May Say Best What’s to be Said,” Lewis discusses a major motivation for his fictional work. He tells us:

“I wrote fairy tales because . . . I thought I saw how stories of this kind could steal past a certain inhibition which had paralysed much of my own religion in childhood. Why did one find it so hard to feel as one was told one ought to feel about God or about the sufferings of Christ? I thought the chief reason was that one was told one ought to. An obligation to feel can freeze feelings. And reverence itself did harm. The whole subject was associated with lowered voices; almost as if it were something medical. But supposing that by casting all these things into an imaginary world, stripping them of their stained-glass and Sunday school associations, one could make them for the first time appear in their real potency? Could one not thus steal past those watchful dragons? I thought one could (00W, 37).{18}

Through his fiction, Lewis helps his readers personally experience the potency of Christian truth. Consider *The Lion, the Witch, and the Wardrobe*. In that story, Edmund (one of the four Pevensie children who enter Narnia through the wardrobe) initially sides with the White Witch against the great lion Aslan. The Witch has all Narnia under her spell, making it “always winter and never Christmas.”^{19} In his desire to one day be king of Narnia, Edmund betrays his brother and sisters. According to the Deep Magic that governs Narnia, he thus deserves to die.^{20}

But Aslan, the true king of Narnia, intercedes for Edmund, and the Witch renounces her claim on his life. The catch is that Aslan must give his own life in place of Edmund’s. This he willingly does. But like Jesus in the Gospels, death cannot hold him in its power, and he returns to life again. According to one scholar, “the desired response” to this is not so much “to believe in the vicarious suffering of Christ, but to *taste* it.”^{21} Lewis thus used his fiction as a vehicle for evangelism, helping his readers to “taste” Christian truth in powerful (and even delightful) ways.

The “Cost” of Lewis’s Evangelistic Witness

Although Lewis was not the sort of person one would typically think of when hearing the term “evangelist,” he nonetheless had a heart for evangelism and was motivated to labor for the conversion of others. In fact, Christopher Mitchell has observed that “Lewis perceived evangelism to be his lay vocation, and the means by which he expressed this evangelistic impulse were his speaking and writing.”^{22}

While Lewis was not the sort of person to preach a conventional “Come to Jesus” sort of evangelistic sermon, he was nonetheless (as Michael Ward has noted) “a very successful evangelist.”^{23} When one considers the vast literary output

of Lewis, so much of which had evangelistic intentions, combined with his speaking, preaching, and debating on issues of vital concern to the Christian faith, along with his many prayers for the conversion of others, and generous financial assistance rendered for the cause of Christ, it is clear that the whole tenor of Lewis's post-conversion life was driven by a strong evangelistic impulse for the salvation of souls. And this in spite of the very costly nature of this witness.

According to Mitchell, Lewis's evangelistic commitments fostered "ridicule and scorn . . . among his non-Christian colleagues" at Oxford.{24} Indeed, even some of Lewis's closest friends occasionally felt embarrassed by his "zeal for the conversion of unbelievers." {25} Many of his colleagues were scandalized by the fact that Lewis used his academic training to write popular-level books in theology and Christian apologetics. No doubt some were also jealous of his ever-increasing popularity with the general public, for Lewis had an uncanny ability to write one book after another that people actually wanted to buy and read.

So *why* did Lewis do it? That's the question Mitchell asks near the end of his essay on this topic.{26} Why did Lewis persist in evangelistic writing and speaking that aroused such scorn from academic colleagues, and occasional embarrassment from friends? Mitchell suggests that it likely had something to do with Lewis's conviction that "There are no *ordinary* people." {27} Hence, while his evangelistic activities created difficulties for him, difficulties that might easily have been avoided, Lewis was convinced that bringing glory to God through the saving of human souls was "the real business of life." {28} And whatever abuse, scorn, or discomfort this might cause him personally, he was apparently willing to endure it in order to be found faithful.

Notes

1. Michael Ward, "Escape to Wallaby Wood: Lewis's Depictions of Conversion," in *Lightbearer in the Shadowlands: The*

- Evangelistic Vision of C. S. Lewis*, ed. Angus J. L. Menuge (Wheaton, IL: Crossway Books, 1997), 143.
2. See Philip G. Ryken, "Winsome Evangelist: The Influence of C. S. Lewis," in *Lightbearer in the Shadowlands*, 62.
 3. C. S. Lewis, "Cross-Examination," interview by Sherwood E. Wirt, in *God in the Dock*, ed. Walter Hooper (Grand Rapids, MI: Eerdmans, 1970), 262.
 4. C. S. Lewis, "Rejoinder to Dr. Pittenger," in *God in the Dock*, 181.
 5. This would seem to be implied by Lewis's remarks in his sermon, "The Weight of Glory," in *The Weight of Glory and Other Addresses*, ed. Walter Hooper (New York, NY: Macmillan, 1980), 18-19.
 6. See Christopher W. Mitchell, "Bearing the Weight of Glory: The Cost of C. S. Lewis's Witness," in *The Pilgrim's Guide: C. S. Lewis and the Art of Witness*, ed. David Mills (Grand Rapids, MI: Eerdmans, 1998), 3-14.
 7. C. S. Lewis, *Surprised by Joy: The Shape of My Early Life* (New York, NY: Harcourt Brace Jovanovich, 1955), 224-25.
 8. Ibid., 228-29.
 9. Ibid., 224-25.
 10. Ibid., 237.
 11. Ibid.
 12. For readers interested in reading my prior article on this book, please see Michael Gleghorn, "Smuggling Theology into Out of the Silent Planet," Probe Ministries, October 29, 2023, probe.org/smuggling-theology-into-out-of-the-silent-planet/
 13. Please see Michael Gleghorn, "C. S. Lewis, the BBC, and Mere Christianity," Probe Ministries, April 24, 2016, probe.org/c-s-lewis-the-bbc-and-mere-christianity/
 14. For a helpful discussion of all the issues and concerns surrounding these events, please see Justin Phillips, *C. S. Lewis in a Time of War: The World War II Broadcasts that Riveted a Nation and Became the Classic Mere Christianity* (New York: HarperCollins Publishers, 2002).
 15. C. S. Lewis, "Christian Apologetics," in *God in the Dock*, 94, 98.

16. Lewis, "Rejoinder to Dr. Pittenger," in *God in the Dock*, 183.
17. Lewis, "Christian Apologetics," in *God in the Dock*, 98-99.
18. C. S. Lewis, "Sometimes Fairy Stories May Say Best What's to be Said," in *Of Other Worlds: Essays and Stories*, ed. Walter Hooper (Orlando, FL: Harcourt Brace, 1975), 37.
19. C. S. Lewis, *The Lion, the Witch and the Wardrobe* (New York: Macmillan, 1970), 16.
20. Ibid., 138-39.
21. Doris T. Myers, *C. S. Lewis in Context* (Kent, OH: Kent State University Press, 1994), Kindle edition, loc. 2640.
22. Christopher W. Mitchell, "Bearing the Weight of Glory: The Cost of C. S. Lewis's Witness," in *The Pilgrim's Guide: C. S. Lewis and the Art of Witness*, ed. David Mills (Grand Rapids, MI: Eerdmans, 1998), 3.
23. Ward, "Escape to Wallaby Wood," 143.
24. Mitchell, "Bearing the Weight of Glory," 7. Note: The whole of this paragraph is indebted to Mitchell's discussion in this chapter.
25. Ibid., 6-7.
26. Ibid., 9-14.
27. C. S. Lewis, "The Weight of Glory," 19.
28. C. S. Lewis, "Christianity and Culture," in *Christian Reflections*, ed. Walter Hooper (Grand Rapids, MI: Eerdmans, 1994), 14.

©2025 Probe Ministries

Why Study Church History?

James Detrich provides five reasons to study church history and allow our knowledge to build our confidence in our faith.

When I was in college, we had to do what was called

“evangelism night.” It was a night in which a group of us would pile into someone’s old, broken-down car (we were all poor back then) and skirt downtown to the city’s walking bridge, a large half-mile overpass extending over the Chattanooga River. We were always sure that plenty of people would be there that needed our message. One night I began talking to a man about Christ and he quickly cut me off, “I am a Christian,” he exclaimed. “Great,” I replied. As we continue talking, though, I soon discovered that he was a “different” Christian than me. He said he believed in an expansive New Testament that contained many more books than the twenty-seven I was accustomed to, and he had six or seven Gospels, where I only had four. When I told him that I didn’t think he was right, that the New Testament only contained twenty-seven books and four Gospels, he asked me an important question, “How do you know that there are only four Gospels? Maybe there are more books to the Bible than you think!” I stood there, knowing that he was wrong. But I didn’t know *why* he was wrong. I had no idea of how to combat him—I didn’t know church history well enough in order to provide, as 1 Peter 3:15 says, an account of the assurance that lies within me.



This is one of the great reasons why we as Christians need to study church history. In this article I am going to make a passionate plea for the study of church history and give five reasons why I believe it is essential for every follower of Christ. Alister McGrath said that “Studying church history . . . is like being at a Bible study with a great company of people who thought about those questions that were bothering you and others.”[\[1\]](#) These bothering questions, much like the one I could not answer on the walking bridge, oftentimes can be answered through learning the stories and lessons of history. It was Martin

Luther, the great reformer, who cried out: "History is the mother of truth." This is the first reason why Christians need to study history, so that we can become better skilled to answer the nagging questions that either critics ask or that we ourselves are wrestling with. It would have been a tremendous help that day on the bridge to know that in the second and third centuries, the time right after Jesus and the apostles, that church pastors and theologians were exclaiming and defending the truth that we only possess four Gospels: Matthew, Mark, Luke, and John. If I had only known of this rich tradition, if I had only known my church history, I would have been able to give a reasonable account of that hope that lies within me.

Church History Provides Comfort

The first reason why Christians should study church history is that it helps Christians provide a more reasonable account of what we believe. The second reason is that Christians, just like any other people, go through many times of loneliness and despair. The book of Psalms reveals multiple times where various psalmists reveal that they feel as though God has left them, that their enemies are closing in, and that no one, including God, really cares. Suffice it to say that this often leads to a crisis of faith. Many of us suffer that same crisis from time to time, and the one thing that usually helps to be encouraged is to get around God's people. When we are with others who believe as we do, it helps to stabilize, and to build, our faith. There is a sense in those moments of being with other Christians that our faith is bigger and more expansive—that it is communal, not merely individual.

Studying church history is about being with the community of faith. Reading the stories, learning the truths, examining the insights of these faithful men and women down through the centuries gives to us the sense that our faith is not shallow, but as the song used to say, it is "deep and wide." Church

historian John Hannah claims that studying Christian heritage “dispels the sense of loneliness and isolation in an era that stresses the peripheral and sensational.”^{2} It breaks us away from this modern culture that emphasizes the glitz and the glamour of the here and now, and helps us to establish confidence in the faith by examining the beliefs central to our faith that have been developed over a long period of time. Christian theology does not invent beliefs; it finds beliefs already among Christians and critically examines them. The excavation site for Christian theology is not merely in the pages of Scripture, though that is the starting point, but it expands from there into the many centuries as we find the Holy Spirit leading His church. For us today, it gives us the ability to live each day absolutely sure that what we are believing in actually is true; to know and understand that for over 2000 years men and women have been worshipping, praising, and glorifying the same God that we do today.

It's similar to those grand, majestic churches, the cathedrals that overwhelm you with the sense of transcendence. The expansive ceilings, high walls, and stained glass leaves the impression that our faith, our Christian heritage, is not small but large. Entering into a contemplation of our faith's history is like going into one of those churches. It takes away the loneliness, the isolation, and reminds us of the greatness of our faith.

Church History Solidifies Our Faith

The third reason for studying church history takes us to the task of theology. Have you ever wondered if something you heard being preached in church was essential? Maybe you've asked, Is this really so important to my faith? Understanding and articulating what is most important to Christianity is one of the crucial tasks that theology performs. This task is developed from a historical viewpoint. It asks the question, What has always been crucially important to Christians in each

stage of church history? Over the centuries, Christian theologians have developed three main categories for Christian beliefs: dogma, doctrine, and opinion.^[3] A belief considered as dogma is deemed to be essential to the gospel; rejecting it would entail apostasy and heresy. Doctrines are developed within a particular church or denomination that help to guide that group in belief. What a church believes is found in its doctrine. Lastly, beliefs relegated to opinion are always interesting, but they are not important in the overall faith of the church. But dogma is important and history tells the story of how the church receives these important truths. It tells the story of how the church came to understand that God is three and one, the received truth of the Trinity; or how they came to understand that Jesus was both human and divine, the received truth of the Person of Christ. In examining these things, you begin to understand what is most essential and what is less important.

This is the same question that was being asked in the early fourth century. Some folks calling themselves Christians were going around proclaiming that Jesus Christ was different from God the Father, that even though He was deserving of worship, there was a time when He was created by the Father. Other Christians rose up and declared that to be heretical. They claimed that the words and actions of Christ as recorded in the Scripture clearly affirms Him to be equal with the Father. The Council of Nicaea in A.D. 325 sided with the latter group, claiming that Jesus was indeed equal with His Father. The exact wording of the council's conclusion is that Jesus is "of the same substance" with His Father. That dogmatic decision is reflected in the church's doctrinal beliefs and it demonstrates its crucial importance for Christianity.

History is indeed the treasure chest of truth. Open it up. Discover the riches within it. Find out what is there and what is not—what is important and what is not!

Church History Helps Us Interpret the Bible

Why should we study church history? The answers already given are that it provides perspective in answering tough questions, gives a sense that our faith has gravitas, delineates that which is important; the fourth reason is that the study of church history helps us to interpret the Bible. You might be inclined to say, "We don't need church history, all we need is the Bible." But we must remember that people interpret the Bible in many and various ways. For instance, do you know that the largest meeting in North America that discusses the Bible is called the Society of Biblical Literature. It meets every year and boasts of having thousands of members. Among those within the society, only an astonishing 30% of them are evangelicals, or people who would have a more conservative interpretation of Scripture. People all over are reading the Bible, but they are reading it in different ways.

So, how do we know how to interpret the Bible? We believe that a certain interpretation or tradition of the text goes all the way back to Jesus and His apostles. Thus, Scripture must be interpreted in light of this tradition—the way that the early community of believers read the various texts of Scripture as they recognized its authority in matters of faith and practice. They recognized that these texts supported, explained, and gave evidence to the belief system that they held dear. For us, going back and reading the early church fathers is profitable for our understanding of the broader cultural and theological framework so that we can better understand what Scripture is saying. For instance, as we discovered above, the Trinity is a crucial dogma of the church. Therefore, any interpretation of the Bible that contradicts that basic belief would be inadequate. History helps to paint the lines that we must stay within and it helps to construct the boundaries for a faithful reading of the text. Examining what was important to the apostles, and the

generation that followed, and then the next generation, gives a basic tradition, a framework, of values and beliefs, that must guide our faith today. The study of church history helps us to develop that basic framework.

It was a second-century pastor that complained that the heretics of his day read the same Bible as he did, yet they twist it into something else. He equated it someone taking a beautiful picture of a king constructed with precious jewels and rearranging those jewels so that the picture now resembles a dog.[\[4\]](#) We would contest ruining such a beautiful piece of art! This is exactly what happens when the beauty of the Bible is misinterpreted. To keep that from happening, we must study church history and find out what the precious jewels actually are that construct the beauty of the Bible.

Church History Demonstrates the Working of God

We have listed four reasons to study church history: it helps answering questions, it presents a faith that is deep and wide, it delineates what is important, and it helps us to interpret the Bible. The fifth reason why we should study church history is that it demonstrates the working of God. More specifically, it gives evidence that the Holy Spirit is working through and among His people, the church of God. It is the same Spirit that was working in that early Christian community that is still at work today in the community of faith. In other words, history provides a further resource for understanding the movement of God in the entire community of faith. We affirm that there is continuity between the early Christian community and the community today, because we serve one God and are the one people of that God. Hence, every sector of church history is valuable, because it is the same Spirit moving through every stage of history. Church history is His story and it tells of God's faithfulness to the

community of believers as they have carried forth His truth and have given animation to His character. Just as Christ is the image of the invisible God, the church, through the Son and by the Spirit, is also the image of the invisible God. Church history is the story of how the community reflects that invisible God.

This is the concept that brings all the others into a connected whole. The reason why studying church history can provide answers to crucial questions of faith is due to the fact that the Spirit has been moving in the hearts of men and women down throughout history, aiding them in their questions of faith and the fruit of that work has been preserved for us today. The reason why studying church history can show us what is important to the faith is because the Spirit has been at work guiding the church into truth. The reason why studying church history can help us interpret the Bible is because the Spirit has illuminated the path for understanding the Bible for centuries. This is what is fascinating about church history: it is a study of His Story. He is there, just as Jesus said He would be. Remember it was Jesus who said that He was going away, but that He would send a Comforter. And this One would guide us in all truth. Church history is the story of that illuminated path where the God of the church guides His people into all truth. History is where He is.

Notes

1. Alister McGrath, "The State of the Church Before the Reformation" in *Modern Reformation* [January/February 1994]: 11.
2. John D. Hannah, "Notes on the Church to the Modern Era" (Dallas: Dallas Theological Seminary), 2.
3. Stanley Grenz and Roger Olson, *Who Needs Theology* (Downers Grove, IL: InterVarsity Press, 1996), 73.
4. This is a metaphor presented by Irenaeus in *Against Heresies*, 1.8.1.

Theistic Evolution: A Theological Critique

Dr. Ray Bohlin concludes a four-part series covering some of the big ideas in Dr. Stephen Meyer's book 'Theistic Evolution' by examining some of the theological problems with this perspective.

Did God Create a World with Pain and Suffering Already In It?

In this article I review the theological critique of theistic evolution from the book, *Theistic Evolution: A Scientific, Philosophical, and Theological Critique*. (I have previously written on the scientific problems [here](#) and [here](#), and the philosophical problems [here](#).) First, I review a chapter in the philosophical section, "Bringing Home the Bacon: The Interaction of Science and Scripture Today" by Colin R. Reeves. I'm focusing on Reeves's section on theistic evolution's problem with theodicy.

A theodicy seeks to explain God's reasons for allowing evil. He says that many conservative Christians who have embraced theistic evolution simply view natural evil as having always existed. He writes, "If natural evil is of necessity a part of evolutionary history, and if evolution is the process instituted by God to, in the end, result in creatures on earth with whom he could have a relationship, then it follows that God is the direct cause of natural evil – it is part of his



plan.”{1} Reeves quotes evolutionary philosopher David Hull: “The God implied by evolutionary theory . . . is careless, wasteful, indifferent, almost diabolical . . . not the sort of God to whom anyone would be inclined to pray.”{2} Hull’s solution is to simply reject any notion of God. He mentions theologian Christopher Southgate struggling with this problem. How does one “redeem” the notion that pain, suffering, and death are intrinsic to evolution, which Southgate accepts? Southgate settles for an underwhelming notion of what he calls a “pelican heaven,” symbolizing the hope that everything will be fine in the end. That is just bizarre. This seems to recognize the problem, but seeing no solution, this idea simply hopes that God has it figured out somehow.

Reeves refers to Denis Alexander, who simply recognizes that “God created a tough world . . . in which there is pain and death.” For many theistic evolutionists, since humans evolved from a population of at least 10,000 individuals, there was no Adam and Eve and therefore, no Fall. He then references John Schneider who seems to say that we just shrug our shoulders and stop worrying!

If I were a theistic evolutionist, I would be very worried. But since they embrace evolution with no hesitation, they figure there just *must* be a way out of this dilemma, so don’t make a big deal about it.

Did Adam and Eve Even Exist for Theistic Evolutionists?

Now I will focus on theologian Wayne Grudem’s opening chapter in the theological section of the book. He briefly discusses twelve points at which theistic evolution (as currently promoted by its prominent supporters) differs from the biblical creation account if it is taken as historical narrative. Now I’ll address the first three points:

1. Adam and Eve were not the first humans.
2. Adam and Eve were born of human parents.
3. God did not directly or specially create Adam out of the dust of the ground.

Something that needs to be understood concerning theistic evolution—or evolutionary creation as is now preferred—is that the human species came about as any other species, through naturalistic evolution. Calculations from some evolutionary creationists conclude that the human species can only be reduced to a population of around 10,000 individuals, certainly not just two. Some have even gone so far as to explicitly say that Adam and Eve did not exist. Others are willing to say that God chose a man and a woman from this population as Adam and Eve. But even this concession has problems of its own.

The primary question at this point is whether Genesis 1 to 3 is historical narrative. For evolutionary creationists, the simple answer is *no*. These initial chapters in Genesis are considered theological or allegorical but not a description of any actual events. But are they?

Grudem makes a significant case that these three chapters have always been understood as historical narrative and to consider them otherwise, one must bring an evolutionary viewpoint to the text. The text itself does not lead you to this conclusion.

Even if one assumes that God chose Adam and Eve out of the population of 10,000, they were born of human parents. God did not do anything supernatural to bring them into existence. This brings problems further down the line.

Were Adam and Eve Sinless?

Three more doctrines will be upturned if humans came about through a naturalistic evolutionary process. First, Eve wasn't

formed from Adam's rib or side; second, Adam and Eve were not sinless; and third, if they weren't sinless, they didn't commit the first sin.

For evolutionary creationists, humans evolved and were not specially created. Therefore, Eve was not formed from Adam's rib or side. But this raises some important questions. In Genesis 2, Adam gives names to all creatures (of course, theistic evolutionists say this didn't happen either). But he doesn't find a suitable helper. So, God creates Eve from Adam. Jesus refers to this passage in Matthew 19 where He addresses marriage. The context is that since Eve was taken from Adam, he is to hold fast to his wife. Paul also adds that man was not made from woman but woman from man (1 Corinthians 11:8). Elsewhere, he confirms that Adam was formed first, then Eve (1 Timothy 2:13). In both cases Paul indicates that Genesis 2 is historical narrative. It really happened this way.

Now we come to the issue of sin. If humans evolved and were not created, then all humans would have acted selfishly for the benefit of themselves and their offspring. This is a key feature of an evolutionary system. They likely cheated on their mates, stealing food or shelter. In other words, all humans were sinners from the beginning! However, at the end of day six (Genesis 1:31), God says that everything He made that day was not just good, but **very** good. This would preclude sin! According to theistic evolution, humans were not sinless, and Adam and Eve could not have committed the first sin. Indeed, God would have made a very difficult world, and humans were a part of that harsh reality. I think you can begin to see that theistic evolution plays fast and loose with significant doctrinal issue.

Were All Humans Descended From Adam and

Eve?

To recap: In theologian Wayne Grudem's opening chapter in the theological section of the book *Theistic Evolution: A Scientific, Philosophical, and Theological Critique*, he briefly discusses twelve points at which theistic evolution (as currently promoted by its prominent supporters) differs from the biblical creation account if it is taken as historical narrative.

I will now focus on points 7 to 9, which are rather distinct from each other.

1. Human death did not begin because of Adam's sin.
2. Not all human beings are descended from Adam and Eve.
3. God did not directly act in the natural world to create different kinds of plants and animals.

According to most if not all versions of theistic evolution, humans began as a population of at least 10,000 individuals. And since they evolved from an ape-like ancestor, death of humans had been around for hundreds of thousands of years. But when God informs Adam of the penalty of eating from the tree of the knowledge of good and evil, He says, "You will surely die" (Genesis 2:17). Not something you would say to someone who already knew he was going to die. In addition, Paul tells us in Romans 5 that sin came into the world through one man and with it, death! In 1 Corinthians 15, Paul links death through the one man, Adam, with life through the one man, Christ. Death entered for humans through Adam's sin.

The next problem we see is that theistic evolutionists contend that not all humans descended from Adam and Eve. This should appear rather obvious, since Adam and Eve were supposedly just two of thousands of humans at the time. Humanity would have descended from this population, not just Adam and Eve. But later in Genesis (3:20), we read, "The man called his wife's name Eve because she was the mother of all the living,"

meaning all humans.

Last, it should seem obvious that theistic evolutionists accept that all life evolved and just about all of Genesis 1 is not historical. But in all of Genesis 1, God repeatedly acts. He doesn't just let matter alone do the work.

Evolutionary creation dismisses not just the historical accuracy of Genesis but also many New Testament doctrines.

Summing Up the Problems with Theistic Evolution

Finally, I'll review the last three of the twelve events in Wayne Grudem's chapter and summarize his critique. Essentially, the last three events are:

1. Did God rest from anything on the seventh day?
2. Was the original creation a safe place?
3. After Adam and Eve's sin, there was nothing new. Thorns and thistles already existed.

As I have stated throughout this article, according to evolutionary creationists, God did not act in any kind of a direct way to bring anything into existence except matter and the physical laws of how matter operates. This means there was nothing for God to rest from. But Exodus 20:11 states clearly that God made heaven and earth and all that is in them and then rested. This is the basis for resting and keeping holy the Sabbath. Why would man need a rest day if God didn't?

Genesis is clear that the earth and specifically, the Garden of Eden was a safe environment and all that changed with their sin. Things were now much more difficult. Adam and Eve would sweat to get their bread. Thorns and thistles would grow where apparently, they hadn't before. God had cursed the ground so it wouldn't yield its fruit as easily. But evolutionary creationists affirm that nothing could have changed since

there never was an idyllic Garden. So there was no curse on the land.

Grudem concludes with eleven significant Christian doctrines that are undermined or denied by theistic evolution. Time prohibits mentioning all of them, but some of them are the truth of the Bible, evidence in nature for God's existence, and God's wisdom. Grudem closes with this paragraph: "Because theistic evolution denies the historicity of these twelve events, it also denies or undermines eleven significant doctrines. In sum, belief in theistic evolution is incompatible with the truthfulness of the Bible and with several crucial doctrines of the Christian faith." Amen. We heartily agree.

Notes

©2025 Probe Ministries

Gen-Z: The Generation That Ends Christian Influence in America?

In order to grow the number of Gen-Z Christians, we need an understanding of ways to build bridges from their pluralistic, secular worldview to seriously contemplating the unique grace of God. Steve Cable draws upon the wisdom of two pastors who are making a real difference in the lives of young adults to address this important topic.

What Are Gen-Zs Like?



In this article we look beyond the Millennials to consider the latest generation and what they tell us about the future of Evangelicals in America. Gen-Z is the generation born between 1995 and 2010.

This year, half of the Gen-Z generation are 18 or older. By the time they are all at least 18, the Millennials and Gen-Zs will make up almost 50% of the adult population. We will consider how this generation compares with previous generations. We want to understand this generation to truly communicate the good news of the gospel to them; to help them “to walk in a manner worth of the Lord.”[\[1\]](#)

In their book, *So the Next Generation Will Know*[\[2\]](#), Sean McDowell and J. Warner Wallace identified some key traits common among Gen-Zs. They are:

1. Digital Multitaskers – “spending nearly every waking hour interacting with . . . digital technology,” often while watching television
2. Impatient – quickly moving from thing to thing with an attention span of around 8 seconds
3. Fluid – constantly blurring the lines; making truth, genders, and family structures personal choices
4. Lonely – swamped in social media where personal relationships are minimized while personal troubles follow them everywhere. Sean points to “the availability of endless counterfeits that claim to be able to fill their hearts with meaning.”[\[3\]](#)
5. Individualistic – individual feelings more important than facts while judging the choices of others is avoided. As James White points out in *Meet Generation Z*[\[4\]](#), “the ability to find whatever they’re after without the help of intermediaries . . . has made them more independent. . . . Like no other generation before,

Gen-Z faces a widening chasm between wisdom and information.”[{5}](#)

Most importantly, most of these young Americans are thoroughly secular with little exposure to Christian theology. As White opines, “They are lost. They are not simply living in and being shaped by a post-Christian cultural context. They do not even have a memory of the gospel. . . . They have endless amounts of information but little wisdom, and virtually no mentors.”[{6}](#)

As they enter adulthood, the culture around them will not encourage them to consider the claims of Christ. In fact, the Millennials going before them are already seen leaving any Christian background behind as they age into their thirties.

Gen-Z: How Are They Trending?

What can we truly know about the religious thinking of Gen-Zs age 11 to 25? Pew Research surveyed teens and their parents giving us a glimpse into both[{7}](#).

They found *one third* of American teens are religiously Unaffiliated.[{8}](#) In contrast, their parents were less than *one quarter* Unaffiliated. Another Pew survey[{9}](#) found more than *half* of young adult Gen-Zs are unaffiliated. This group is easily the largest religious group among Gen-Zs.

Teens attend church services with their parents, but lag behind in other areas. Less than *one fourth* of teens consider religion very important. And on an absolute belief in God and praying daily, the teens trail their parents significantly.

Using an index of religious commitment[{10}](#), almost *half* of the parents but only *one third* of teens rated high. In fact, almost half of teenagers with parents who rated high did not rate high themselves.[{11}](#)

Perhaps the minds of teenagers are mush. Their views will firm

up as they age. In reality, older Gen-Zs and Millennials also trail older adults by more than 20 points in believing in God and praying daily.[{12}](#) Also, church attendance drops dramatically among these young adults who are no longer attending with parents.

If religion were important to teens, they would look to religious teaching and beliefs to help make decisions about what is right and wrong. But less than *one third* of teens affiliated with a religion turned to its teachings to make such decisions.

As George Barna reports,[{13}](#) “The faith gap between Millennials and their predecessors is the widest intergenerational difference identified at any time in the last seven decades.” It seems that Gen-Z will increase this gap.

Gen-Z: Worldview and Apologetics

Why have the Unaffiliated been growing dramatically over the last 25 years while doctrinally consistent Christians have been declining? At one level, we recognize the watered-down gospel taught in many churches encourages people to pursue other things and not waste time on church. That may have been the primary issue at one time. But in this decade, we are seeing a real reduction in the number of Evangelicals as well. The self-professed Evangelicals[{14}](#) among those ages 18 to 29 has reduced from 29% down to 20%, a reduction of almost one third.

One major driver is the dominant worldview of our young adult society. The worldview promoted by our schools, media, and entertainment industry has changed from a Christian inspired worldview to a worldview which is secular and specifically anti-Christian. As James White observes, “It’s simply a cultural reality that people in a post-Christian world are genuinely incredulous that anyone would think like a

Christian—or at least, what it means in their minds to think like a Christian.”[{15}](#)

Almost all Gen-Zs have been brought up hearing the worldview of Scientism espoused. This worldview teaches “that all that can be known within nature is that which can be empirically verified . . . If something cannot be examined in a tangible, scientific manner, it is not simply unknowable, it is meaningless.”[{16}](#) At the same time, most Gen-Zs have not even been exposed to an Evangelical Christian worldview. Consequently, apologetics is critical for opening their minds to hear the truth of the gospel. Many of them need to understand that the basic tenets of a Christian worldview can be true before they will consider whether these tenets are true for them. Answering questions such as: “Could there be a creator of this universe?” and “Could that creator possibly be involved in this world which has so much pain and suffering?” is a starting point to opening their minds to a Christian view.

Encouraging Gen-Zs to understand the tenets of their worldview and comparing them to a Christian worldview begins the process of introducing them to the gospel. As White points out, “I have found that discussing the awe and wonder of the universe, openly raising the many questions surrounding the universe and then positing the existence of God, is one of the most valuable approaches that can be pursued.”[{17}](#) The Christian worldview is coherent, comprehensive and compelling as it explains why our world is the way it is and how its trajectory may be corrected into one that honors our Creator and lifts up people to a new level of life.

Gen-Z: Removing the Isolation of Faith

What will it take to reach Gen-Z? James White says, “. . . the primary reason Gen-Z disconnects from the church is our failure to equip them with a biblical worldview that empowers them to understand and navigate today’s culture.”[{18}](#) If we

want to equip Gen-Zs to embrace faith, we must directly discuss worldview issues with them.

The challenge is exacerbated as most Gen-Zs are taught a redefined tolerance: to not only accept classmates with different worldviews, e.g. Muslims and the Unaffiliated, but to believe that it is as true for them as your parents' worldview is for them. As Sean McDowell states, "Gen-Zs are exposed to more competing worldviews—and at an earlier age—than any generation in history."[\[19\]](#)

The new tolerance leads directly to a pluralistic view of salvation. Christ stated, "No one comes to the Father except through me,"[\[20\]](#) and Peter preached that "There is salvation in no one else, for there is no other name under heaven . . . by which we must be saved."[\[21\]](#) Yet the survey of American teens[\[22\]](#) finds *less than one third* believe that only one religion is true, broken up into *two-thirds* of Evangelicals and *less than one-third* of Mainlines and Catholics.

Compounding these issues is the growing practice of limiting the impact of religious beliefs on real life. Sean points out, "The biggest challenge in teaching worldview to young people is the way our increasingly secular culture fosters the compartmentalization of faith."[\[23\]](#) We need to help them see how a consistent Christian worldview applies to all issues. It is foolish to segregate your spiritual beliefs from your life decisions.

As an example, many Gen-Zs are enamored by a socialist view that the government should provide everything we need, equally distributing goods and services to all. Those who work hard and excel will have their productivity redistributed equally. It sounds like a possibly good approach and yet it has destroyed the economies of many countries including Russia, Cuba, and Venezuela. It fails because it is based on a worldview that "assumes greed comes from inequality in the distribution of material goods in society."[\[24\]](#) In contrast,

the Bible is clear that greed is part of the fallenness of the human heart. As a result, any centralized function with no competition discourages productivity and becomes an inefficient bureaucracy.

Reaching Gen-Zs

Today, most Gen-Zs move into adulthood with little exposure to the gospel. The majority are either Unaffiliated, another religion, or have a nominal Christian background. Current surveys find that 98% of young Americans do not have a Christian worldview.[{25}](#)

This sobering data does not mean giving up on reaching Gen-Z. But if we are not intentional about it, we are not going to stem the tide. As James White observes, “What is killing the church today is (focusing) on keeping Christians within the church happy, well fed, and growing. The mission . . . must be about those who have not crossed the line of faith.”

And Sean McDowell points out that we need “to teach the difference between subjective and objective truth claims and make sure they understand that Christianity falls in the latter category.”[{26}](#)

Sean encourages a focus on relationships saying, “Relationships are the runway on which truth lands. Take the time to listen with empathy, monitor from a place of wisdom, and demonstrate your concern.”[{27}](#) White agrees, saying, “If we want (them) to know the faith, we have to teach, model and incarnate truth in our relationship with them.”[{28}](#) From a place of relationship, we can address challenges keeping them from truly hearing the gospel.

One key challenge is the role of media. As Sean notes, “Media shapes their beliefs, and it also shapes the orientation of their hearts.”[{29}](#) To counter this pervasive influence, he suggests engaging them in a skeptic’s blog. Help them consider

1) what claim is being made, 2) is the claim relevant if true, and 3) decide how to investigate the claim.^[30] By learning to investigate claims, they are examining the truth of the gospel. We should never fear the gospel coming up short when looking for the truth.

Key ways White's church is connecting with the Unaffiliated include:

1. Rethinking evangelism around Paul's message in Athens. Tantalizing those with no background to search for truth in Christ.
2. Teaching the grace/truth dynamic in quick segments consistent with their learning styles.
3. Being cultural missionaries – learning from those who have not been Christians.
4. Cultivating a culture of invitation by creating tools to invite friends all the time.

If we focus on growing the number of Gen-Z Christians, we could change the trajectory of American faith. If we devote ourselves to prayer, the leadership of the Holy Spirit, and reaching the lost in America rather than continuing church as usual, God can use us to turn the tide.

Notes

1. Colossians 1:9.
2. Josh McDowell and J. Warner Wallace, *So the Next Generation Will Know*, 2019, David C. Cook.
3. McDowell and Wallace, p. 66.
4. James White, *Meet Generation Z: Understanding and Reaching the New Post-Christian World*, Baker Books, 2017.
5. White, p. 44.
6. White, p. 64-65.
7. Pew Research Center, U.S. Teens Take After Their Parents Religiously, Attend Services Together and Enjoy Family Rituals, September 10, 2020.
8. These are people who self-identify as atheist, agnostic or

nothing in particular. In previous surveys, we referred to them as the Nones. Calling them the “unaffiliated” helps us avoid the confusion between “Nones” and “nuns.”

9. Call out Pew survey from 2019.

10. The index of religious commitment looks at the answers to questions on church attendance, belief in God, prayer, and importance of religion and rates a respondents commitment from high to low based on their answers.

General Social Survey, 2018.

11. 42% of the teenagers with parents with a high index had a medium or low index.

12. General Social Survey, 2018

13. American Worldview Inventory 2020, Cultural Research Center at Arizona Christian University.

14. Pew Research surveys 2007, 2014, 2019.

15. White, p. 130.

16. White, p. 141.

17. White, p. 139.

18. White, p. 80.

19. McDowell and Wallace, p. 81.

20. John 14:6b.

21. Acts 4:12.

22. Pew Research Center, U.S. Teens.

23. McDowell and Wallace, p. 87.

24. Ibid, p. 93.

25. American Worldview Inventory 2020.

26. McDowell and Wallace, p. 113.

27. McDowell and Wallace, p. 78.

28. White, p. 64.

29. McDowell and Wallace, p. 164.

30. Ibid, p. 173-4.

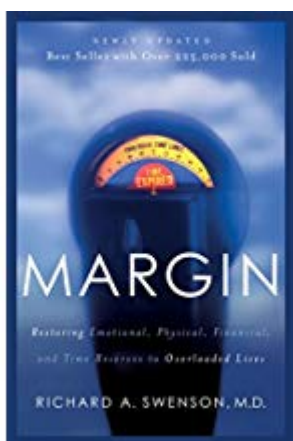
©2021 Probe Ministries

Margin: Space Between Ourselves and Our Limits

Margin is "The space that once existed between ourselves and our limits." When we reach the limits of our resources and abilities, we are out of margin. Former Probe staffer Lou Whitworth reviews a very important book by Dr. Richard Swenson, Margin: How to Create the Emotional, Physical, Financial, and Time Reserves You Need.

The Problem with Progress

Until very recently most Americans had a blind faith in progress; we acknowledged that modern life brought problems but considered that such were inevitable and could be dealt with and eventually overcome. Over the past few years, however, discerning people have begun to ask, "What went wrong? With all the advancements we have made, life should be better. Instead, many aspects of our lives are worse than they were just a few years ago. What happened?"



In this article we are looking at a very important book by Richard A. Swenson, a medical doctor. The book is *Margin: How to Create the Emotional, Physical, Financial, and Time Reserves You Need*. Dr. Swenson's thesis is that though scientific progress benefits us in numerous ways, it also brings with it inevitable pains that must be ruthlessly resisted if one is to live a balanced life, and especially a life that reflects Christian values/virtues.

Margin is "the space that once existed between ourselves and

our limits." When we reach the limits of our resources and abilities, we are out of margin. Progress, contrary to our expectations, is like Pacman; it incessantly eats up margin. Progress and margin are often opposing forces.

The author recognizes the pains of the past and acknowledges that life for previous generations was no picnic. Nevertheless, he amply illustrates the staggering number of challenges facing contemporary mankind, challenges that have no precedent in human history. The pace of modern life has been steamrolled by progress.

Many have resisted the notion that life in the waning years of the 20th century was unusually painful and stressful. After all, didn't our history teach us of those intrepid men and women who crossed oceans and braved the harsh winters of the new world to have personal and religious freedom? Shouldn't we be ashamed to complain about the stress in our lives when brave pioneer men, and their even braver wives, piled their children and all their belongings into covered wagons and headed west across unknown and unforgiving lands surrounded by potentially hostile Indians? Did not our fathers win World War II? After 50 years of strife and struggle and staring eyeball to eyeball with Russia, didn't America finally face down the threat of world dominion by implacable, godless communism? Where then do we get off saying that life today is hard and stressful?

As Swenson clearly points out, without minimizing the horrors of the past, modern progress brings problems never before faced by mankind. Some of our problems are very different from those of the past perhaps, but they are real, formidable problems just the same. For example, a partial list of problems would include the speed of travel, the power of computers, levels of litigation, pervasiveness of the media, specialization, business layoffs, indebtedness, vulnerability to terrorism, spiraling medical costs, AIDS, numbers of teen mothers and illegitimate births, aging population, overcrowded

prisons, environmental pollution, overcrowding, traffic congestion, prevalence of divorce, disintegration of the family, drugs, prevalence of sexual diseases, complexity at all levels, and on and on the list could go. Never before have we had to face problems of this – and certainly we have never before had to face them all at the same time.

As Swenson writes, “Each item has played a significant role in making our era different from all those that preceded it. And when we factor in the interrelatedness of issues, the dimensions involved, and the speed of change, then unprecedented become too mild a word.”

The Pain of Life Without Boundaries

In his book *Margin*, Dr. Swenson says that our problems have no precedent because of the rate of change. In the past we faced a slightly upward pattern of linear change; now we are looking at a skyrocketing pattern of exponential change in practically every area of life. Yet most of us still think and live with a linear mind-set. Suddenly we are encountering limits in our time, energy, health, finances, ability to concentrate, to care, to even feel. Minds, bodies, systems, plans that were adequate on a linear timescale may self-destruct at warp speed. We are perilously close to burnout. We hope beyond hope that things will level out and slow down, but even if that happens, much that makes life worthwhile and manageable will be destroyed in the meantime.

Examples abound of life without natural boundaries. Once it was a given that the night was for sleeping, and the day was for work. Now a hundred years after the electric light bulb, whole cities never sleep. Sunday was once a day of rest; nearly everyone had one day off from work. Now the boundaries between work and play and home and the office are so confused some people can never relax or let down. A few years back we might have known someone who had borne a child out of wedlock,

been divorced, had emotional problems, or gone bankrupt, but today we are in an epidemic of such problems.

Swenson asks, "Is there a critical mass of problems beyond which a society—or, for that matter, an individual—will be destroyed no matter how wonderful the benefits it enjoys? If so, what is that critical mass? Are we approaching it? Have we reached it?" He answers, Yes, there is a point of critical mass; what that point is we don't know, but clearly we are approaching it. He says it remains to be seen whether we have already reached it. As George Gallup wrote, "I've come to feel a deep sense of urgency about the Future Forces at work today. . . . If swift, forceful steps aren't taken to defuse the political and social time bombs facing us, we may well find ourselves on a track that could lead to the destruction of civilization as we know it."

It is critical to note here that progress has brought man much power— power that can be used for good or for evil. The sobering truth, then, is that the power to do evil advances exponentially, and modern secular man is not known for restraint nor does he recognize his fallenness and the danger it holds for himself and all humanity.

We have benefited from progress in two main areas. First, we have seen positive gains in medicine, technology, and in our standard of living and material well being. Second, our intellectual and educational opportunities have expanded enormously, and knowledge and information are increasing with unimagined speed.

The pain that progress has brought us is evident in three areas. First, we have lost ground in the social sphere as pressures have increased on all relationships: family, friendships, neighborhoods, community spirit, and church life. Second, we are often emotionally drained, stressed, angry, isolated, and frequently unfulfilled and don't know what to do about these problems. Third, we are spiritually weakened by

the pace of life, the lack of community, lack of time and energy to cultivate our relationship with God and with our fellow man. This, Dr. Swenson says, is the price we have paid for progress.

The Problem of Stress

Because of the unprecedented level of problems today people live with very high levels of stress. Stress is “the nonspecific response of the body to any demand made upon it.” Note that stress is not the circumstance but the response to the circumstance.

We normally think of such a crisis as the “fight or flight” reaction which pumps adrenaline into our system, makes us stronger and more alert, etc. If these responses are occasional there is little harm done, but if triggered too often or if “stuck” in a constant state of anger, rage, anxiety, fear, or frustration, we begin to overdose on our own adrenaline. This can bring about irreversible damage to the body and set it up for heart attack, stroke, cancer, etc.

Our stress levels are unprecedented. One reason is that most of us today experience constant mental strain without the offsetting benefits of strenuous physical work. When, for example, the commercial property deal we’ve worked on for months falls through, or the accounts don’t balance, or the computer just won’t cooperate, there is no place to run and no one to hit. We just have to try again. The physical laborer, even if he has some mental strain, still has the labor to drain off his adrenaline, and he usually has the ability to think about other things occasionally as he works.

Closely related to stress is overload; in fact, overload is a primary cause of stress. Our culture adds detail on top of detail; one more choice, one more option, one more change, and the details never end. “We must now deal with more ‘things per person’ than at any other time in history. Yet one can

comfortably handle only so many details in his or her life. Exceeding this threshold will result in disorganization or frustration. . . . The problem is not in the 'details.' The problem is in the 'exceeding.' This is called overloading."

The facts are that there are physical limits and man has performance limits, emotional limits, and mental limits. The work load a twenty-five year old athletic, single man can carry may differ greatly from the load a fifty-five year old man can carry if the latter has two teenage children and two children in college, dependent parents, and a wife in menopause. When such overload occurs, the person may experience anxiety, have a physical or nervous breakdown, exhibit hostility, slip into depression, or become bitter and resentful.

We are overloaded with activities, change, choices, commitments, competition, debt, decisions, education, expectations, fatigue, hurry, information, media, ministry, noise, people, pollution, possessions, problems, technology, traffic, waste, and work.

So why do we overload? First, we are usually unaware of our overload until it's too late. Second, some people are too conscientious. Third, others get overloaded because their bosses are driven people who overload their employees. Generally people don't intend to go down the path to overload; they just think that "one more thing won't hurt." But if they are at or near overload, it will hurt.

As the author says, learning "to accept the finality and non-negotiability of the twenty-four hour day" will help us avoid overload and excessive stress.

Building Margin into our Lives

Of all the areas in which we need margin, having adequate emotional energy is the most important because with emotional

margin one can work to gain the other margins.

The amount of emotional energy we have is finite and must not be squandered. Though it is difficult to measure and quantify we must not be embarrassed to admit to ourselves or to others when our emotional reservoir is low. Then we need to replenish our emotional reserves for the good of others and ourselves.

Restoring emotional margin is aided by cultivating our social and family support network. Serving others or doing volunteer work is proven to enhance and lengthen life. Extending forgiveness and reconciling relationships can stop the negative drain on our emotional stores. Cultivating a spirit of gratitude, a hopeful outlook, and love for God and our fellow human beings is energizing, whereas their opposites are negative and debilitating. Finally, establishing appropriate limits and boundaries will help in maintaining emotional reserves.

Dr. Swenson's recommendations for gaining a margin in physical energy are fairly routine to the knowledgeable reader, but he puts particular stress on the need for the need for rest and sleep. The need for correction is clear since America has now become a 24-hour society: many of our cities never sleep and many businesses never close. People of all types, college students, policemen, nurses, taxi drivers, shift workers, and mothers of young children, may go long periods without a good night's sleep. Such people push (or are pushed) to their limits during the day and push on into or through the night. Sleep disorders plague more than 50 million of us; in fact, sleep deprivation "has become one of the most pervasive problems facing the U.S." Unfortunately the ability to go without sleep is sometimes a matter of pride for some, but sleep and rest are God's ideas, and we should not be ashamed of our need for both. The author gives several helpful suggestions on making sleep more natural and effective.

Dr. Swenson strongly stresses the need for all types of

physical exercise, but says that aerobic exercise for the heart “will do more to establish margin in physical energy” than anything else. He endorses exercise not only for its physical benefits but also for its emotional and mental benefits.

When the subject turns to time the author writes, “The spontaneous flow of progress is to consume more of our time, not less . . . to consume more of our margin, not less.” He adds that for “every hour progress saves by organizing and technologizing our time, it consumes two more hours through the consequences, direct or indirect, of this activity.”

Clearly time becomes a problem for a society like ours. Some the author’s suggestions for countering the time crunch are countercultural and tough to implement, but then continuing on in the same direction most of us are going is difficult as well. He suggests practicing saying “No,” turning off the television, practicing simplicity, and getting less done but doing the right things. Many of us need to make some thoughtful and hard choices.

The author’s suggestions for gaining a margin in time are preceded with a reminder that of the ten top stressors of family life, four have to do with insufficient time: insufficient couple time, “me” time, family play time, and overscheduled family calendars.

Why do we need to prune our time wasters? Because time is for people and relationships, subjects very dear to God.

A Plan of Action

There are many ways we can spend our time. We could follow the “Excellence” gurus and pour all our energy into one part of our lives. We would probably have no extra margin since other parts of our lives had been sacrificed and in a condition of “negative excellence.”

At some point, all things being equal, we would become quite accomplished in a given area. The end result, however, might be similar to having one magnificently developed right arm attached to puny, stooped shoulders, a scrawny left arm, and skinny, weak legs. This is like the person who is a powerhouse in his professional life and a dwarf in his relationships.

Dr. Richard Swenson suggests a different way in his book *Margin*. He suggests an approach to life that neglects no important area. He suggests being willing to sacrifice excellence in one or two areas in order that no area be in a condition of negative excellence. This would be similar to the athlete who is toned and conditioned all over, but not overly developed in any one area.

A similar balance in our lives will increase our emotional margin because we and our families will be happier.

Simplicity has much to offer harried twentieth-century man. But it isn't easy. It takes effort to discard the superfluous and concentrate on the core elements of life. There has always been an attraction to simplicity; the difficulty has been in achieving it. The simple life the author calls us to is not so much to escape modern life as to transcend it.

Envy is the enemy of contentment and form of self-inflicted torture. Yet because envy is the chief ingredient of advertising and the mainspring of political and social movements, it is difficult for many to see its destructiveness. We need to follow Paul who learned contentment in whatever circumstance he found himself (Phil. 4:11-12; 1 Tim. 6:6-10). The practice of contentment brings margin into our lives.

The pain that progress has brought us is mostly in the area of our emotions, our relationships, and our spiritual natures. What are some additional steps start dealing with the pain and achieving some margin?

First, thank God for the pain. The pain pointed out that something is wrong. Second, repent in a way that leads to permanent, tangible change. Third, prune activities and habits that waste time, sap energy, and stifle relationships. Fourth, cooperate with God. Bathe plans in prayer and leave wiggle room for yourself, your family, and people God may send your way.

- How did we relate to God?
- How did we relate to ourselves?
- How did we relate to others?

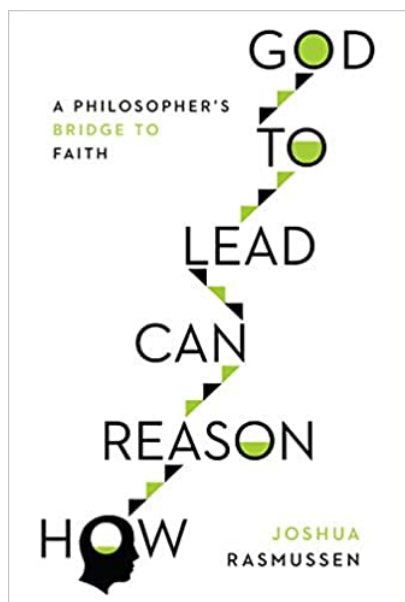
The road to health and blessing in the path of relationship. Love and relationships are hard work, and sometimes costly because superfluous, unimportant things may need to be put aside, but the payoff is happiness, contentment, peace, and margin. I hope some of the things we have shared in this article turn you from the path of overload and start you down the path of margin.

©1995 Probe Ministries

How Reason Can Lead to God – Part 2

Dr. Michael Gleghorn continues to make a compelling case for how reason can lead us, step by step, to the logical conclusion of God's existence based on the book How Reason Can Lead to God.

Foundation of Mind



In this article we're continuing our examination of Christian philosopher Josh Rasmussen's book, *How Reason Can Lead to God*.^{1} In [my previous article](#), I introduced the book and showed how Rasmussen began constructing a "bridge of reason" that led to "an independent, self-sufficient, . . . eternally powerful foundation of all reality."^{2}

But Rasmussen goes further, arguing that there must also be "a certain *mind-like* aspect" to this foundation.^{3} And that's what we'll explore in this article. We're going to follow Rasmussen's lead as he takes us over the "bridge of reason." And once we've taken that final step, we'll see that it's led us not to some cold, calculating, "mind-like" reality, but to a very "special treasure."^{4}



But to begin, why does Rasmussen think that the foundation of all reality must be "mind-like"? To answer that question, consider that one of the things the foundation has produced is *you*—and *you* have a mind. As Rasmussen notes, "you are capable of thinking, feeling, and making decisions."^{5} Indeed, if you're awake and functioning normally, you have some awareness of what is going on "around" you—and even of what is going on "within" you. That's because you possess a conscious (even *self-conscious*) mind. How is this to be explained?

According to Rasmussen there are only two live options: either minds ultimately originate from some sort of "mind-like" or "mental" reality, or else they arise solely from a physical process.^{6} Is one of these options better than the other? Rasmussen thinks so, and points to "a construction problem"

with the matter-to-mind option.{7} Here's the problem. Just as a black steel pipe cannot be constructed out of emerald green toothpaste, so a self-conscious mind cannot be constructed from mindless particles. Particles just aren't the right thing for constructing the thoughts, feelings, and purposes of a mind. In order to construct a mind, "mental materials" are needed. Hence, the foundation of all reality *must be* mind-like in order to account for the unique features of self-conscious human minds.{8}

But at this point, some may raise an objection. After all, if we say there's a construction problem going from matter to minds, then wouldn't there also be a problem in saying that an immaterial mind created the material world? The answer is "No."

Foundation of Matter

Above, we argued that one can't explain the thoughts and intentions of human minds by appealing only to material particles. There must rather be an ultimate mind at the foundation of all reality.

But of course, human beings also have *bodies*. And your body (including your brain) is an example of incredible material complexity. Not only that, but in order for you to be physically alive, the "fundamental parameters" of the universe must be delicately balanced, or "fine-tuned," with a precision that is mind-boggling. As physicist Alan Lightman observes, "If these fundamental parameters were much different from what they are, it is not only human beings who would not exist. No life of any kind would exist."{9}

How should we account for such complexity? Can we explain it in terms of chance?{10} That's wildly implausible. And better explanations are available. After all, one could *try* to explain the words of your favorite novel by appealing to

“chance.” But is that “the *best* explanation?”[{11}](#) Isn’t it far more likely that an intelligent mind selected and ordered the words of that story with the intention of communicating something meaningful to others? While the chance hypothesis is *possible*, is it really *probable*? If we’re interested in truth, shouldn’t we prefer the *best* explanation?

So what *is* a better explanation for the material complexity that we observe—not only in our bodies, but in the fine-tuning of the universe that allows for our existence? If the ordering of the letters and words in your favorite novel is best explained by an intelligent mind, then what about the biological complexity of human beings? Scientists have observed “that molecular biology has uncovered an analogy between DNA and language.” In short, “The genetic code functions exactly like a language code.”[{12}](#) And just as the words in a novel require an intelligent *author*, the genetic code requires an intelligent *designer*.

Hence, a *foundational mind* offers a good explanation not only for human *minds*, but for the complexity of human *bodies* as well. Moreover, a foundational mind also provides the best explanation for objective moral values.

Foundation of Morals

What is the best explanation for our moral experience in the world? How might we best account for our sense of right and wrong, good and evil? So far, we’ve seen two reasons for thinking that the ultimate foundation of reality is “mind-like.” First, a foundational mind best explains the existence of *human* minds. Second, it also offers the best explanation for the staggering material complexity of the human body and the exquisite “fine-tuning” of the universe that allows for our existence. Might a foundational mind also provide the best explanation for our moral experience? Rasmussen thinks so, and he offers potent reasons for us to think so too.[{13}](#)

Consider our sense of right and wrong. How should this be explained? Rasmussen proposes that our “moral senses are a *window* into a moral landscape.”[{14}](#) Just as our sense of sight helps us perceive objects in the physical world, so our moral sense helps us perceive values in the moral world. Of course, just as our sense of sight may not be perfect, such that a tree appears blurry or indistinct, so also our moral sense may not be perfect, such that a particular action may not be clearly seen as right or wrong. But in each case, even imperfect “sight” can provide *some* reliable information about both the material and moral landscapes.[{15}](#)

How might we best explain both the moral landscape and our experience of it? “Can the particles that comprise a material landscape, with dirt and trees, produce standards of good and bad, right and wrong?”[{16}](#) It’s hard to see how undirected particles could do such a thing. And naturally, they could have no *reason* to do so.

On the other hand, a foundational mind with a moral nature could account for *both* the moral landscape *and* our experience of it. As Rasmussen observes, such a being would account for moral values because of its moral nature.[{17}](#) Further, such a being would have both a *reason* and *resources* to create moral agents (like us) with the ability to perceive these values.[{18}](#) Its reason for creating such agents is that we’re valuable.[{19}](#) A mind-like foundation thus offers a better explanation for human moral experience than mindless particles ever could.

Foundation of Reason

Human minds are special for their ability to reason. This ability helps us think correctly. When we reason correctly, we can begin with certain basic truths and infer yet other truths that logically follow from these. For example, from the basic truths that “all men are mortal” and “Socrates is a man” we

can logically infer the further truth that "Socrates is mortal."

But here an interesting puzzle arises. Where does our ability to reason come from? How might we account for the origin of human reason? And one of the interesting topics tackled by Josh Rasmussen in his book, *How Reason Can Lead to God*, is the origin of reason itself. What's the best explanation for this incredible ability?

If the universe sprang into being "from nothing, with no mind behind it," then not only human minds, but even rationality itself, must ultimately come from mindless material particles.[{20}](#) But as Rasmussen observes, "If people come only from mindless particles, then *reasoning* comes from non-reason."[{21}](#) But could reason really come from non-reason? Is that the *most plausible* explanation? Or might a *better* explanation be at hand?

The atheistic scientist J. B. S. Haldane once observed, "If my mental processes are determined wholly by the motions of atoms in my brain, I have no reason to suppose that my beliefs are true . . . and hence I have no reason for supposing my brain to be composed of atoms."[{22}](#) For Haldane, if human reason arises entirely from a non-rational historical and physical process, then we have little reason to think that our beliefs are true.

Fortunately, there's a way out of this difficulty. We can suggest that human reason comes from an ultimately *rational* foundation. In that case, reason comes from reason. We've already seen that the best way to account for minds, matter, and morals is by positing a foundational Mind as the source of all reality. And this is also the best way to account for human reason as well. As Rasmussen notes, "by anchoring reason in the nature of the foundation, we can explain how the foundation of all existence can be the foundation of minds, matter, morals . . . and reason itself."[{23}](#)

In the next section we will follow Rasmussen “to the treasure at the end of the bridge of reason.”[{24}](#)

Perfect Foundation

In this article we’ve seen that a foundational Mind offers the best explanation for the existence of human minds and bodies, moral concepts, and even reason itself. In my previous article, we saw that this foundation is also independent, self-sufficient, and eternally powerful. Today, with some final help from the Christian philosopher Josh Rasmussen, we want to pull together the various strands of this discussion to see what unifies the various features of this foundation into a single, coherent being. What sort of being might all these features point to? According to Rasmussen, they all point to a *perfect* being. But why does he think so?

Rasmussen argues that a perfect being must have two essential features. First, it must have no defects, or imperfections. And second, it must have “supreme value.”[{25}](#) In other words, a perfect being cannot possibly be improved.

But why think the foundation of all reality is a perfect being? Simply put, the concept of perfection enables us to account for all the characteristics of this being that reason has revealed to us. Perfection accounts for this being’s independent, self-sufficient, and eternally powerful nature. It also accounts for how this being can be the ultimate foundation of other minds, astonishing material complexity, morality, and reason itself. As Rasmussen observes, “Perfection unifies all the attributes of the foundation” and “successfully predicts every dimension of our world.”[{26}](#)

A perfect being is thus the foundation of “every good and perfect gift” that we possess and enjoy, and must surely be described as “the greatest possible treasure.”[{27}](#) Moreover, since this being possesses “the maximal concentration of

goodness, value, and power imaginable," it can only properly be termed "God."^{28} Thus, by following the "light of reason" to the end of the "bridge of reason," we have arrived not at meaninglessness or despair, but at "the greatest possible treasure," the self-sufficient, eternally powerful, supremely rational, and perfectly good, Creator God.

If you would like to explore the work of Josh Rasmussen further, I would recommend reading his book, *How Reason Can Lead to God: A Philosopher's Bridge to Faith*. You can also visit his website at joshualrasmussen.com.

Notes

1. Joshua L Rasmussen, *How Reason Can Lead to God: A Philosopher's Bridge to Faith* (Downers Grove, IL: InterVarsity Press, 2019).
2. See my previous article, "[How Reason Can Lead to God, Part 1](#)."
3. Rasmussen, *How Reason Can Lead to God*, 75.
4. Ibid., 8.
5. Ibid., 76.
6. Ibid.
7. Ibid., 77.
8. Ibid., 92. The phraseology of "mental materials" in the previous sentence is also borrowed from Rasmussen.
9. Alan Lightman, "The Accidental Universe," Harper's, December 2011, harpers.org/archive/2011/12/the-accidental-universe/, cited in Rasmussen, *How Reason Can Lead to God*, 95.
10. Rasmussen deals with this option, as well as several others, in *How Reason Can Lead to God*, 95-108.
11. Ibid., 95.
12. Walter L. Bradley and Charles B. Thaxton, "Information and the Origin of Life," in *The Creation Hypothesis: Scientific Evidence for an Intelligent Designer*, ed. J. P. Moreland. (Downers Grove, IL: InterVarsity Press, 1994), 205.
13. Ibid., 109-24.
14. Ibid., 110. Rasmussen takes the terminology of a "moral

landscape" from Sam Harris's book, *The Moral Landscape: How Science Can Determine Human Values* (New York: Free Press, 2011).

15. Rasmussen, *How Reason Can Lead to God*, 110-11.

16. Ibid., 119.

17. Ibid., 121.

18. Ibid., 121-22.

19. Ibid., 122.

20. Ibid., 133.

21. Ibid., 133-34.

22. Haldane, J. B. S., *Possible Worlds*, 209, as cited in C. S. Lewis, *Miracles: A Preliminary Study* (New York, NY: Macmillan, 1960), 15.

23. Rasmussen, *How Reason Can Lead to God*, 135.

24. Ibid., 136.

25. Ibid., 137-38.

26. Ibid., 148.

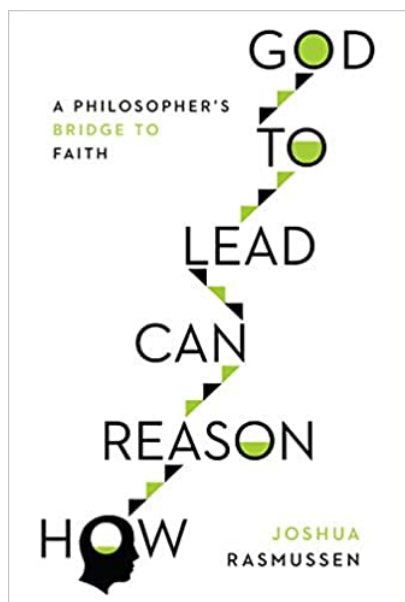
27. Ibid. See also James 1:17.

28. Rasmussen, *How Reason Can Lead to God*, 148.

©2021 Probe Ministries

How Reason Can Lead to God – Part 1

Dr. Michael Gleghorn makes a compelling case for how reason can lead us, step by step, to the logical conclusion of God's existence.



In 2019 the Christian philosopher Josh Rasmussen published a little book with the intriguing title, *How Reason Can Lead to God: A Philosopher's Bridge to Faith*. Rasmussen earned his Ph.D. in philosophy from the University of Notre Dame and currently teaches philosophy at Azusa Pacific University.

The book, dedicated to Rasmussen's "skeptical friends," aims "to mark out a pathway . . . that can inspire a greater vision of the ultimate *foundation* of everything."[\[1\]](#) Now admittedly, this is a tall order. And it leads Rasmussen into some deep philosophical waters. Still, he claims to be writing for a broad audience of truth-seekers—and he has largely managed to make the book accessible to the educated layperson. One reviewer characterized the result of Rasmussen's effort as both an "original presentation of cutting-edge philosophy of religion, and an engaging personal invitation to reason one's way to God."[\[2\]](#)



Now I realize that you may be thinking, "Well, this doesn't apply to me. I'm not interested in such 'heady' things as this." But do you know someone who is? Perhaps a son or daughter, spouse or co-worker? If so, you'll want to keep reading, for this may be just the sort of thing they need. Rasmussen wrote the book for those who need to think their way carefully through the issues. The sort of person who is not content to dodge difficult questions or settle for superficial answers.

Several philosophers have praised Rasmussen's efforts. Robert Koons, of the University of Texas at Austin, describes the

book as “winsome and engaging, drawing the reader into a thrilling adventure . . . of the existence and nature of reality’s ultimate foundation.”[\[3\]](#) And J. P. Moreland, of Biola University, compares the study with C. S. Lewis’s *Mere Christianity* and claims that “Rasmussen’s argument for God is developed with such precision and care that, quite frankly, it could not be improved.”[\[4\]](#)

With praise like this for Rasmussen’s book, I hope you’ll agree that it’s worth our time and effort to take a deeper look at its contents. What is Rasmussen’s argument for God? How does he develop it? Why does he refer to it as a “bridge to faith”? What sort of materials does he use in constructing his “bridge”? We’ll begin our inquiry in the same place that Rasmussen does, with the deceptively simple observation that *something exists*.[\[5\]](#)

The Blob of Everything

Let’s begin by considering the book’s subtitle: *A Philosopher’s Bridge to Faith*. What sort of bridge is this? As you might expect, since Rasmussen is a philosopher, this is a “bridge of reason.” But it has an interesting destination, for it leads not to skepticism, but to faith.[\[6\]](#)

Rasmussen constructs his bridge very carefully. He wants every step in his construction project to be reasonable. In order to accomplish this, he seeks to use quality materials and first-rate tools. His materials are statements that anyone can see are clearly true. His tools “are rules of logic.” By carefully selecting his materials, and conscientiously using his tools, he constructs “a bridge of reason that leads . . . to a special treasure.”[\[7\]](#)

Rasmussen begins his project with the claim that something exists. Although few will object to such a claim, some may

still have doubts. After all, what if everything you think you experience is just an illusion? Well, in that case, “the experience of your illusion exists.” Moreover, *you* exist. If you didn’t, you couldn’t have any doubts about reality. In order to have such doubts, you must *first* exist. Thus, Rasmussen’s first claim, that something exists, seems quite secure.{8}

Next, Rasmussen bundles every existing thing, of whatever sort, into a comprehensive whole, which he aptly dubs the “blob of everything.” This “blob” includes every existing thing, the totality of reality. Since every existing thing is included in the “blob of everything,” there is nothing “outside” or “beyond” it. It is *everything*. Hence, the blob cannot have its cause, or reason for being, in anything outside it (for, of course, there *isn’t* anything outside the blob of *everything*).{9}

Now this is strange! My car, cat, and computer were each created by causes beyond themselves. My car had a car maker. My cat had parents. But something about the “blob of everything” isn’t like this. It has what Rasmussen calls a *foundational layer* that doesn’t depend on anything outside itself for its existence. We’ll consider the nature of this “foundation” more carefully next.{10}

Probing the Foundation

As we just noted, there isn’t *anything* outside “the blob of everything.” And hence, there isn’t anything *outside* the blob that could cause, or explain, its existence.

What are we to make of this? Notice, first, that since the blob includes *everything* that exists, it includes many things that depend on other things for their existence. For example, the blob contains things like weasels, watches, and waffles and each of *these* things depend on *other* things for their

existence. Baby weasels depend on mommy and daddy weasels. Watches and waffles depend on watch- and waffle-makers.

But notice: not everything in the blob can be like this. After all, if everything in the blob depended on something else for its existence, then we would have a serious problem—for the “blob of everything” does not depend on anything else for *its own* existence. Attempting to build such a blob using only dependent materials (that is, materials that depend on something outside themselves for their existence) would commit what Rasmussen calls a “construction error.”[{11}](#) One cannot construct an independent, self-sufficient reality (like the “blob of everything”), using only dependent parts. That would be like trying to construct a black steel pipe using nothing but toothpaste! No matter how much toothpaste you have, you will never construct a black steel pipe with such materials.[{12}](#)

So here’s the problem. The “blob of everything” includes many things with a dependent nature (like weasels, watches, and waffles). At the same time, the blob (as a whole) depends on nothing outside itself for *its* existence. How is this possible? Clearly, the blob must contain some special ingredient that does not depend on anything else for its existence. Rasmussen calls this ingredient the “foundation.”[{13}](#) It has an independent, self-sufficient, necessary nature. It’s the sort of thing that *must* exist, no matter what.[{14}](#) It must therefore be eternal (i.e. without beginning or end) and provide “an ultimate foundation for everything else.”[{15}](#)

Eternal Power

This “foundation” that is self-sufficient doesn’t need a cause for its existence. It exists on its own. It’s the sort of thing that *must* exist, that cannot *not* exist. And for this reason, the foundation must be eternal. That is, it must have

always existed. Finally, it must also be powerful. But why?

Well, consider first that “power exists.” Rasmussen observes that there are only two ways of explaining this. The first suggests that power “came into existence from nothing.” The second says that power is eternal and has always existed. Which way is more reasonable?[{16}](#)

Well, suppose that power came into existence from nothing. The difficulty here is that something cannot come from nothing without a cause. And if there isn’t anything, then there cannot be a cause. Moreover, we must remember that “nothing” is *not* anything. It is the absence of anything. It thus has no potential to produce anything. It has no power or potential because it *isn’t* anything. Something cannot come from nothing, then, because “nothing” has no power or potential to produce anything.[{17}](#)

Thus, Rasmussen claims that reason itself drives us to suggest “a power that exists on its own, by its own nature.” In other words, since power exists, and since it can only come from something powerful, there must be an *eternal power*. That is, there must be a power that has always existed. This power never *became* powerful; it *has always been* powerful. Fortunately, this conclusion agrees with reason, unlike the view that power came from nothing.[{18}](#)

Rasmussen sums it up this way: “The foundational power is eternal.”[{19}](#) Now this is quite astonishing. By thinking very carefully and following the light of reason, we have arrived at a foundation of all reality that is independent, self-sufficient, necessary, and eternally powerful. But we can go even further. By considering some of the things that the foundation has produced, we can learn even more about its nature.

Implications

Let's recap: beginning with the simple (and undeniably true) statement that *something exists*, we have watched Rasmussen carefully construct a bridge of reason that has led (so far) to an independent, self-sufficient, eternally powerful foundation of all reality. But Rasmussen goes still further. For if this foundation is the ultimate source of all other things, then we can learn something about the nature of the foundation by considering some of what it has produced.

For example, it is doubtless true that one of the most important things the foundation has produced is *you*—a human being. But what sort of thing are you? And what might this tell us about the foundation's nature?

Rasmussen examines four aspects of human beings that reveal some important characteristics of the foundation.[{20}](#) First, human beings have minds. We are not like rocks, papers, or scissors. We are self-conscious beings, aware of our own existence. We can think, feel, make plans, and work to accomplish them. Second, we have bodies. We are not disembodied minds, souls, or spirits. There is a complex physical (and physiological) dimension to our being. Third, we are moral agents. We experience a moral dimension to our existence. We sense that some things are good and that others are evil. We recognize that it is good to be kind to other persons and bad to harm them. Finally, we are rational agents. We can “see” or discern certain logical and mathematical truths. For example, we can “see” that two plus two equals four and that “nothing is both true and false at the same time.”[{21}](#)

If we ultimately depend for our existence on a self-sufficient and eternal foundation, then what might this tell us about that which brought us into being? Although the details will have to wait for the next article, the various characteristics of human beings mentioned above point to “a certain *mind-like*

aspect of the foundation.”{22} Indeed, we might even say that these characteristics reveal a foundation with mental, moral, rational—and even personal attributes!

Our goal for the [next article](#), then, is to consider each of these characteristics in greater detail, showing how each one plausibly leads to a personal foundation of existence.

Notes

1. Joshua L. Rasmussen, *How Reason Can Lead to God: A Philosopher's Bridge to Faith* (Downers Grove, IL: InterVarsity Press, 2019), ix.
2. Todd Buras, review of *How Reason Can Lead to God: A Philosopher's Bridge to Faith*, by Joshua L. Rasmussen, *Philosophia Christi* 21, no. 2 (2019): 453.
3. Robert Koons, Endorsement, *How Reason Can Lead to God*, frontmatter.
4. J. P. Moreland, Endorsement, *How Reason Can Lead to God*, frontmatter.
5. Rasmussen, *How Reason Can Lead to God*, 9.
6. Ibid., 8-18.
7. Ibid., 8.
8. Ibid., 9.
9. Ibid., 11-13.
10. Ibid., 19-34.
11. Ibid., 22.
12. This illustration is indebted to others like it offered in Rasmussen's book.
13. Ibid., 19-34.
14. Ibid., 31.
15. Ibid., 34.
16. Ibid., 56-7.
17. William Lane Craig, "Questions About Leibniz's Cosmological Argument," *Reasonable Faith*, August 10, 2014, accessed May 24, 2020, www.reasonablefaith.org/writings/question-answer/questions-about-leibnizs-cosmological-argument/

18. Rasmussen, *How Reason Can Lead to God*, 57.
19. Ibid., 60.
20. Ibid., 75-135.
21. Ibid., 131.
22. Ibid., 75.

©2021 Probe Ministries

Biblical Archaeology

Kerby Anderson provides an update on recent archaeological finds that corroborate the historicity of the Bible.

One of the most important proofs for the historical accuracy of the Bible can be found in archaeology. Ancient history and archaeology should confirm the accuracy of this record. That is what we find when comparing these finds with the written record of Scripture.

My focus will be to summarize a few of the past archaeological finds that confirm the Bible and then provide an update on some of the newest archaeological discoveries made in just the last few years that are very significant. On the Probe website, we have an excellent summary done twenty years ago of archaeology and the Old Testament (probe.org/archaeology-and-the-old-testament/) and archaeology and the New Testament (probe.org/archaeology-and-the-new-testament/).



Archaeology not only has confirmed the historical record found in the Bible, but it also provides additional details not found in the original writings of the biblical authors. Archaeology also helps explain Bible passages by providing context of the surrounding culture as well as the social and

political circumstances.

We must also admit the limitations of archaeology. Although these archaeological finds can establish the historical accuracy of the record, they cannot prove the divine inspiration of the Bible. Also, we must admit that even when we have an archaeological find, it still must be interpreted. Those interpretations are obviously affected by the worldview perspective and even bias of the historians and archaeologists.

Even granting the skeptical bias that can be found in this field, it is still amazing that many archaeologists acknowledge the biblical confirmation that has come from significant archaeological finds.

Dr. William Albright observed, "There can be no doubt that archaeology has confirmed the substantial historicity of Old Testament tradition."[\[1\]](#)

Archaeologist Nelson Glueck and president of Hebrew Union College concluded, "It may be stated categorically that no archaeological discovery has ever controverted a Biblical reference. Scores of archaeological findings have been made which confirm in clear outline or exact detail historical statements in the Bible. And, by the same token, proper evaluation of Biblical description has often led to amazing discoveries."[\[2\]](#)

Millar Burrows, Professor of Archaeology at Yale University, remarked that "On the whole, however, archaeological work has unquestionably strengthened confidence in the reliability of the Scriptural record. More than one archaeologist has found his respect for the Bible increased by the experience of excavation in Palestine."[\[3\]](#)

Old Testament Archaeology

There are so many significant archaeological finds that confirm the historical accuracy of the Old Testament. Perhaps the most famous and most significant find is the Dead Sea scrolls. A young shepherd boy found the first of them in a cave in 1947. Eventually over 800 fragments were found. This includes a complete scroll of the book of Isaiah.

Many of these scrolls are from before the time of Jesus Christ. That is important because it provided a way to check the accuracy of the transmission of the Old Testament. The earliest copies of the Old Testament that we had before this discovery were a thousand years later. When we compare the Dead Sea scrolls to these later manuscripts, we can see that there were very few variations (mostly due to changes in spelling or grammar). The transmission through the scribe was very accurate.

Another significant find was archaeological documentation of King David. Archaeologists working at one site uncovered an inscription that means "house of David" that dates to the ninth century BC.

Another important archaeological find was the Hittite nation. The Hittites are mentioned nearly 50 times in the Old Testament, but there was no solid archaeological evidence they existed until the 20th century. Some argued that the Bible must be wrong since it mentions this nation but archaeological evidence was lacking.

The Hittites were a major force against the Jews. Israel needed to conquer them in order to enter the Promised Land (Joshua 11:3-4). King David had Uriah the Hittite killed because of his adultery with his wife, Bathsheba (2 Kings 11:3-21). Fortunately, archaeologists did uncover abundant evidence of the Hittites in Turkey. They found a temple, sculptures, a storeroom with 10,000 clay tablets. Later they

even uncovered the Hittite capital city of Hattusha.

Archaeologists with the Israel Antiquities Authority digging at Tel Lachish found an ancient toilet that confirms Old Testament history. To understand its significance, we need to look at the record of King Hezekiah. We read in 2 Kings that he removed the Asherah poles from the high places and smashed the sacred stones that were used in the Canaanite cultic worship.

Archaeologists discovered large rooms that appear to be a shrine where four-horned altars were destroyed. They also found a seat carved in stone with the hole in it that was used as a toilet. It was mostly likely placed there as a form of desecration for the whole room.[\[4\]](#) This correlates with the biblical description in 2 Kings 10:27 that Jehu and his followers “demolished the pillar of Baal, and demolished the house of Baal, and made it a latrine to this day.”

New Testament Archaeology

Jesus spent much of his time in Capernaum by the Sea of Galilee. It is mentioned 16 times in the New Testament. Archaeologists have uncovered evidence of the fishing industry there (anchors, fishhooks), which would have been used by many of the disciples. The houses were one-story buildings, with roofs of wooden beams or branches. This explains how men carried a man to the roof and let him down in front of Jesus (Mark 2:1-4). Jesus taught in the synagogue in Capernaum (Mark 1:21-22, Luke 4:31-36). The remains of a synagogue built in the 4th century sits atop the black basalt foundations of this synagogue that existed at the time of Jesus.

In Jerusalem are many archaeological discoveries from the time of Jesus. That includes the remains of the temple as well as the pool of Bethesda (John 5:1-15) and the pool of Siloam (John 9:1-7).

Archaeology (as well as history) verifies the existence of many political leaders mentioned in the New Testament. A Denarius coin shows a portrait of Tiberius Caesar. This is also significant because Jesus asked the people whose likeness was on the coin (Mark 12:17). The name Pontius Pilate was found in an inscription at Caesarea Maritima.

Sometimes archaeology can shed light on what seems like a sharp disagreement in the Bible. In Paul's letter to the Galatians, he recounts what he said to Peter who stopped eating meals with gentile Christians. He argued that Peter lived like a Gentile even though he was a Jew.

The answer lies in the fact that Paul was a devout Pharisee, who took kosher food laws and purity very seriously. Peter, though Jewish, was not a Pharisee and grew up in Bethsaida on the north shore of the Sea of Galilee. Archaeological excavations uncovered some non-kosher evidence. Some were eating wild boar and catfish, which were considered unclean and not to be eaten by Jew following the Torah.[{5}](#)

Archaeological finds at Corinth include the city's *bema* seat, where Paul stood trial (Acts 18:12-17) and an inscription with the name Erastus, a city administrator who was an associate of Paul (Acts 19:22; 2 Timothy 4:20; Romans 16:23).

Critics have challenged the historical record of Luke because of alleged inaccuracies. Classical scholar Colin Hemer documents that Luke is a very accurate historian.[{6}](#) He identifies 84 facts in the Book of Acts that have been confirmed by historical and archaeological research. This includes nautical details, names of gods, designation of magistrates, and proper names and titles.

These are just a few of the archaeological discoveries in the past that have confirmed the Old Testament and the New Testament. In the next section we will look at some of the most recent archaeological discoveries.

Recent Archaeological Discoveries

Within the last few years, there have been major archaeological discoveries that further confirm biblical history. An article in *Christianity Today* provides a list of the top ten archaeological discoveries.[\[7\]](#) Here are just a few of these important discoveries.

The Israel Antiquities Authority announced the discovery of a limestone column on which the word “Jerusalem” was spelled out in Aramaic. This is the oldest inscription of this nature found so far. You might expect that there would be lots of such inscriptions, but that turn out to be very rare.

The inscription was found in an ancient potter’s village that must have served pilgrims making their way to the Temple in Jerusalem. A potter’s field calls to mind the one bought by the priests (Matthew 27:7) with the money Judas returned.

The Jewish tabernacle and the Ark of the Covenant were located for a time in Shiloh. Excavation there produced a clay pomegranate. In the Bible, the pomegranate was a common temple decoration (1 Kings 7:18; 2 Kings 25:17). Small pomegranates embroidered with blue, purple, and scarlet yarns hung from the hems of the priestly robes (Exodus 28:33). This discovery affirms the sacredness of Shiloh.

Scientists and archaeologists believe they have found the site of the destruction of Sodom and Gomorrah. They found evidence that a “high-heat” explosive event north of the Dead Sea wiped out all civilization in the affected area. It killed all the people within a 25-kilometer circular area. The fertile soil would have been stripped of nutrients by the high heat. Waves of briny salt would have washed over the surrounding area and spread through hot winds.

The scientists suggest that a cosmic airburst event from a meteor was the reason for the disappearance from the site. It

apparently took 600 years for the region to recover before it could once again be inhabited. This fits with the description in Genesis 19, which says that burning sulfur rained down on Sodom and Gomorrah and killed all the people and all the vegetation of the land.

Archaeologist Dr. Stephen Collins says that there was a violent conflagration that ended occupation at the site. There is “melted pottery, scorched foundation stones, and several feet of ash and destruction debris churned into a dark gray matrix as if in a Cuisinart.” He and another author in a joint paper conclude that all of this provides “signs of a highly destructive and thermal event that one might expect from what is described in Genesis 19.”[\[8\]](#)

Recent Archaeological Discoveries

Above we looked at a few of the most recent archaeological discoveries that confirm the historical accuracy of the Bible. Most of them were found in an article in *Christianity Today*. Here are a few more significant discoveries.

An inscribed piece of limestone discovered in a tomb along the west bank of the Nile was revealed to be a Semitic abecedary (alphabet in ABC order). It dates back to the time of Moses and fits with the statement that “Moses wrote down everything the Lord had said” (Exodus 24:4). It turns out he wasn’t the only one writing in a Semitic script in Egypt at that time.

When ISIS terrorists captured Mosul, they blew up the tomb of the prophet Jonah. This uncovered the remains of a palace of the Assyrian King Esarhaddon. Previous archaeological teams stopped digging in certain sites in Iraq for fear of destroying them. That was a case of the traditional tomb of Jonah, until ISIS started digging beneath it to find artifacts to sell. As one article put it, “ISIS Accidentally Corroborates the Bible.”[\[9\]](#) The tunnels they dug revealed a

previously untouched Assyrian palace in the ancient city of Ninevah. Inscriptions found in the old city of Nineveh give an order of Assyrian kings that matches perfectly with the biblical order.

Extra careful processing of dirt from an archaeological dig in the southwest corner of the Temple Mount provided a *beka* weight. This was used (Exodus 38:6) to measure the silver in the half-shekel temple tax that was collected from each member of the Jewish community.

Another seal impression seems to be (a letter is missing) the name "Isaiah the prophet." It was found near the Temple Mount near another seal impression that says "King Hezekiah of Judah" that was uncovered two years earlier. Hezekiah and the prophet Isaiah are mentioned in the same verse 17 times. This clay seal gives the impression that Isaiah had access to the king's palace as his adviser.

A ring with the name "Pontius Pilate" on it was excavated decades ago but only could be read recently due to advanced photographic techniques. Of course, this is not the first time that his name has surfaced in archaeology, but it is still a significant find. The ring is not fancy enough to have been worn by Pilate. It was probably worn by someone authorized to act on his authority and would use it to seal official communications.

This is an exciting time for archaeological investigation. New finds provide even more evidence of the historical accuracy of the Old Testament and the New Testament. Archaeology has provided abundant confirmation of the Bible.

Notes

1. William F. Albright, *Archaeology and the Religions of Israel* (Baltimore: Johns Hopkins University Press, 1956), 176.
2. Nelson Glueck, *Rivers in the Desert* (New York: Farrar, Strous and Cudahy, 1959), 136.

3. Millar Burrows, *What Mean These Stones?* (New York: Meridian Books, 1956), 1.
4. Richard Gray, "The wrong kind throne: Toilet discovered 2-800-year-old shrine," *Daily Mail*, 28 September 2016.
5. Craig A. Evans, "Why Archaeology Matters for Bible Study," *Bible Study Magazine*, March/April 2019, 18-19.
6. Colin J. Hemer, *The Book of Acts in the Setting of Hellenistic History* (University Park, PA: Eisenbrauns, 1990).
7. Gordon Govier, "Biblical Archaeology's Top 10 Discoveries of 2018," *Christianity Today*, December 27, 2018.
8. Amanda Borschel-Dan, "Evidence of Sodom? Meteor blast cause of biblical destruction, say scientists," *Times of Israel*, 22 November 2018.
9. "ISIS Accidentally Corroborates the Bible," *Facts and Trends*, March 19, 2018.

©2020 Probe Ministries

Acorns, Oak Trees, and Our Son's Grave

While visiting their son's grave, Sue Bohlin meditated on the glory of the '2.0 resurrection body' that we look forward to.

On the one-year anniversary of [our son's death](#), my husband and I drove out to the DFW National Cemetery to find Curt's grave.

I have never been one to visit loved ones' gravesites. I always thought, "Why? They're not there. They're not in the ground, they're in heaven."

But lately I've been thinking differently about our bodies. They are more than just physical cases for who we are inside.

We ARE our bodies, as well as our souls. Human beings are a unified creation of the material and the immaterial.

So I stood on the ground, thinking about this, above Curt's body. A precious body, the body I carried inside mine for nine months, and then carried in my arms until he learned to walk. The body of the boy I loved, and still do. The body of the man who looked so handsome in his Air Force uniform. The body that was placed in a casket to be buried a year ago while we honored him at his memorial service.

As I reminded myself that Curt's "body 1.0" is precious and dear, I thought back to the great privilege of teaching 1 Corinthians 15 and the "2.0 resurrection bodies" that await us.



When I taught that day, I held up an acorn from our front yard.

"An acorn is an oak seed," I said. "It has the same DNA as an oak tree. Is the acorn the same as the oak tree? Yes . . . and no.

"They are stages of the same plant, they're the same genetically, but of course they are different.

"What happens to an acorn? It gets planted in the ground, it falls apart and dies, then it sprouts new life . . . and eventually it is transformed into an oak tree."

The buried acorn absorbs moisture from the soil and rain, and the outer husk softens. The bare seed inside is exposed, and things change. Little tendrils shoot out and start to grow down into the soil. The acorn falls apart, and that first stage basically dies, but the oak tree can't come to life

unless the seed dies. But a little acorn can become a HUGE tree!

The acorn can't even begin to imagine the **size** and **power** and **majesty** and **beauty** of the oak tree. It can't fathom becoming something big enough and strong enough for someone to build a treehouse in its branches, where kids can play. Mind blowing!

Our bodies are like the acorn planted in the ground. They get sick, weak, and they die. But that's not the end, like the acorn falling apart in the ground isn't the end.

We have the hope of experiencing a **new form of physical bodily existence** that is as different from our earthly bodies as the oak tree is different from an acorn.

1 Corinthians 15:42-44 says,

What is sown is perishable, what is raised is imperishable. It is sown in dishonor, it is raised in glory; it is sown in weakness, it is raised in power; it is sown a natural body, it is raised a spiritual body. If there is a natural body, there is also a spiritual body.

Our natural body, our "Earth suit," is subject to aging, disease and death. Like an acorn.

What a contrast with our spiritual body—our "New Earth suit"—which will be strong, vibrant, and glorious. Like a big, beautiful, glorious oak tree.

I love to meditate on the resurrection body, our spiritual body. We can see from the gospel records what Jesus' resurrection body was like:

- Jesus' body still had His wounds.
- It was physical. The disciples could touch Him; in fact He commanded that Thomas reach out and touch His wrist, and put his hand in Jesus' side where the spear had pierced His chest.
- He could travel effortlessly and instantly, appearing and

disappearing at will.

- He was able to pass through walls and doors.
- He could-and did-eat, drink, and talk.
- He handled material things (He wasn't a ghost or an illusion).
- His resurrected body was more real, of more substance, than ours is.

His resurrected body was the oak tree compared to the acorn.

According to Randy Alcorn's wonderful book *Heaven*, Curt is experiencing the intermediate heaven today. It's unimaginably beautiful and glorious, but it's not the still-future unification of heaven and earth where we will receive our resurrection bodies—and things will get even better.

Our "oak tree bodies" still lie ahead. And that sure makes me smile.

This blog post originally appeared at [Acorns, Oak Trees, and Our Son's Grave](#) on July 10, 2025.

The Biology of Human Uniqueness

Dr. Ray Bohlin demonstrates unique biological attributes that set humans apart because we are made in the image of God.

What's So Special About Humans?

As humans we tend to think of ourselves as rather unique in the created order of things. As Christians, we understand

ourselves to be created in the image and likeness of God as we learn in Genesis 1:26. But what does this really mean? Certainly being made in God's image does not refer to our physical construction; God is spirit and therefore does not have a physical body. But God's plan from the beginning was to rescue us from our sin through the incarnation, God becoming man. Jesus was and is the Son of God, Messiah, the God-Man. Therefore it is not a stretch to suggest that our bodily make-up is meant to be the unique earthly home of Jesus and His Spirit within us. Therefore, I suggest that our biological make-up is unique in the animal kingdom since no other animal is made in His image.

But what does this really mean? I am going to borrow from several sources, principally Michael Denton's *Nature's Destiny*[\[1\]](#), to discuss the biological uniqueness of humans. The [Discovery Institute](#) is also in the process of producing a film series based on Denton's work, titled *Privileged Species: How the Cosmos is Designed for Human Life*.



We are able to point out numerous qualitative abilities in the human species found nowhere else in the animal kingdom. I will discuss these in detail below, but I'll provide a brief overview now to whet your appetite.

First, I'll be discussing our unique intelligence. Humans' ability to think abstract thoughts appears to be absolutely unique. It is difficult to arrive at a selective advantage in an evolutionary sense to this type of thinking, so where did it come from?

Second, and related to our intelligence, is our unique language capability. Most animals communicate with their own species, but no other species, including primates, actually use *language*. As toddlers we accumulate language by simply being around it. Chimps and gorillas have to go through painstaking trial and error and still can't communicate as a

three-year-old does.

Third, our excellent vision allows us to use our intelligence, language and other capabilities to manipulate our surroundings in precise and advantageous ways.

Fourth, our excellent manipulative tool, the hand, is unsurpassed in other primates. We have both strength and fine motor control in our hands, allowing us to combine a strong grip and delicate finger movements that allow a wide range of movements. This, combined with our upright stance, provides an ability to restructure our immediate surroundings as no other species can.

We are also a highly social species which allows for quick distribution of ideas to everyone's benefit. And all these combine to allow us to be the only species to use and manipulate fire, which brings a host of unique abilities.

Human Intelligence and Language

As I mentioned above, our intelligence separates us from any other primate species. Our brain is three times the size of the brain of a chimp. But beyond that, the number of neurons and connections between neurons far surpasses any other mammal. Michael Denton cites that in each cubic millimeter of the human cortex, are 100,000 cells, about 4 kilometers of axonal wiring and 500 meters of dendrites, and around 1 billion synapse connections between neurons. We have 10 million more of these synapses than a rat brain.

The size and scope is one thing, but our mental capabilities are indeed unique. As mentioned above, humans are capable of abstract and conceptual thought. No other primate exhibits any signs of this capacity. In addition, our mathematical reasoning is completely *other* compared to other animals. You might suspect that some animals can count. But it is a learned response attached to reward. We don't really suspect the

rat/horse/chimp knows what they are doing. Comparing calculus to simply counting bananas is just no comparison at all.

When you stop to consider our appreciation of the arts, there is no place to go but humans. James Trefil is a physicist fascinated by biology and evolution. But when considering the arts he says, "No matter how hard I try, I can't think of a single evolutionary pressure that would drive the ability of humans to produce and enjoy music and dance. . . . This has always seemed like a serious problem to me—perhaps even a more serious problem than that perceived by most of my colleagues."

When we turn to language, our uniqueness is informed even further. Plants and animals all communicate in one form or another, but not by language as humans communicate. We communicate both new information and abstract concepts, something other species don't even approach. We possess the proper equipment to both produce and receive language and speech. And by proper equipment I mean both the brain processes and the anatomical necessities for actual speech (e.g., teeth, tongue, voice box, etc.). There is also a social ability that can utilize these upper levels of communication.

But we've heard about chimps and gorillas learning language. Kanzi, a bonobo chimpanzee, learned words and even symbolic use of a keyboard. Kanzi also learned through hearing the use of new words. But that is where it stopped.

To quote James Trefil again, "If we take the claims being advanced for Kanzi at face value, where are we? We have a member of the most intelligent primate species, a veritable Shakespeare of non-human animals, raised under special and unusual conditions, performing at the level of a human child of two and a half. But remember that in humans, real language begins just after this age. . . . Then we have to conclude that even in this optimal case, animals other than humans cannot learn real human language."

Human Vision and the Hand

Now I'd like to introduce two features we can easily take for granted, our hands and our eyes.

Ordinarily we don't think of our hands as being anything special. But just try to think of any other creature that can do the many and diverse things we can do with our hands. The closest match is the hand of a chimp. But chimp hands are larger, stronger, and even clumsy. Simple things like using all ten fingers to type, peel an apple, or tie a knot are beyond what chimps can do.

The strength in our fingers comes from larger muscles in the forearm and the fine manipulative control comes from much smaller muscles in the hand itself. Our ability to manipulate our environment with our hands is unparalleled. Using our intelligence we even devise additional tools for our hands to further extend our mastery of the world around us. Full use of our hands comes about from our upright and bipedal gait, allowing our hands the freedom not found in any other mammal.

In his book *Nature's Destiny* Michael Denton asks about the human hand "whether any other species possesses an organ approaching its capabilities. The answer simply must be that no other species possesses a manipulative organ remotely approaching the universal utility of the human hand. Even in the field of robotics, nothing has been built which even remotely equals the all-around manipulative capacity of the hand."

But in order to even use our hands well, we need exceptional vision to be able to detect all the little things our minds notice to manipulate. Given the physics of visible light and the dimensions and molecular process of detecting light in our eyes, the resolving power of the human eye is close to the optimum for a camera-type eye using biological cells and processes.

Some animals such as high-flying hawks and eagles detect motion from far greater distances than we can, and some organisms see much better in the dark than we do, but for all-around color vision, detail and resolution, our eyes seem to be the best there is. Combined with our highly interconnected brain, our upright gait for easily seeing straight ahead, a swiveling neck to see side to side, and our overall size, our eyes open the world to us as for no other species.

Developing science and technology, communicating to thousands and even millions through the written word, and simply exploring the world around us, are only possible through an integrated use of our unique intelligence, social structure and speech, hands and vision.

The Use of Fire

As I have explored the biology of human uniqueness, I have focused on some of our individual capacities such as our intelligence, speech, our marvelous hands, and our unique all-around color vision. I have used throughout, the wonderful book by Michael Denton, *Nature's Destiny*. Now I'm looking at one of our key distinguishing characteristics which combine all of these. Humans are the only biological creatures that have mastered the use of fire. If you think for a minute, every other animal has nothing but fear when it comes to fire. We are also fearful of fire and the damage it can do, but we have also managed to harness it and use it.

There are a couple of obvious advantages for the use of fire. First it provides additional light after sundown that extends our activity into the evening. Second, fire provides additional warmth in the evening and allows us to venture into colder climates. Third, fire allows us to cook food, particularly meat which is a very significant source of fat calories and protein. Cooking our food certainly distinguishes us from any other creature and has allowed us to add the

necessary energy to fully use that big brain of ours which is a major drain on our energy stores, even at night.

But beyond these, if we never harnessed the energy and power of fire, we would not have been able to develop tools involving metal. Using heat to forge ever more powerful hand tools and weapons revolutionized human culture. Without fire we could not have developed any form of chemistry and especially the use of electricity. Electricity has revolutionized human existence in the last 100 years. Fire is an influential and powerful tool indeed.

But how have we been able to do this? First, we need to take advantage of our intelligent capability for abstract thought and reasoning. As I said earlier, we too fear fire, but we need to be able to think about it and be curious enough to not only rationalize that we might be able to harness its power, but that it would also be useful. This ability to deduce the control and use of fire requires high-level reasoning.

Denton also points out that for a fire to be sustainable it needs to be at least 50 centimeters across (or about a foot and a half). To create a fire of this size we need our upright stance to walk the distance to gather the right amount and size of branches. That means that our upright stance, free arms, the manipulative tools of our hands, and our discerning vision work together to allow us to create a sustainable fire.

Therefore, the control and manipulation of fire requires a combined use of most of our unique biological capacities. Think about this the next time you sit around a campfire or grill your supper on a warm summer day. It's part of what makes us human!

Human Anatomy and Genome

In this article I have been focusing on aspects of human biology that make us unique in the universe of living

organisms. I discussed in some detail our unique intelligence, allowing us complex and abstract thought. We have a unique ability to communicate audibly and through a symbolic written word. These combine with our stereo vision and unique manipulative tool the hand, to allow us sole possession of the ability to use and manipulate fire. All of these capabilities are made possible by several unique aspects of our anatomy.

Humans have the largest brain of any primate species. Whales, dolphins, and elephants have larger brains, but size is not the main distinctive. Our human brain is structured like no other. If you were to open up just one cubic millimeter of our brain you would find over 100,000 cells with 4 kilometers of cell wiring and 1 billion connections between neurons. The structure and organization of our brain is definitely without parallel. Studies of our entire genome compared to chimpanzees indicate vast differences in non-coding sequences that influence the production of brain proteins. These changes are in the thousands.

In 1999, famous MIT linguist Noam Chomsky, reflected that "Thus, in the case of language, . . . (new research) is providing interesting grounds for taking seriously an idea that a few years ago would have seemed outlandish: that the language organ of the brain approaches a kind of optimal design, that it is in some interesting sense an optimal solution to the minimal design specifications the language organ must meet to be usable at all." Without our unique brain structure, our language ability would not be forthcoming.

When comparing our skeletal structure to those of our supposed closest ancestors according to an evolutionary explanation, there are major changes that would have been needed to be accomplished in a relatively short time. Casey Luskin from the Discovery Institute does an admirable job digging into these differences and makes some sweeping conclusions. Numerous studies indicate that between the lineage of *Australopithecus* and *Homo* there would need to be significant changes in

shoulders, rib cage, spine, pelvis, hip, legs, arms, hands and feet. But of these major transitions, the fossil record is silent.

Luskin also refers to a study by Durrett and Schmidt in 2007 that estimates that a single-nucleotide mutation in a primate species would take 6 million years to become fixed. But what is needed are multiple mutations in multiple segments of the skeletal system and in the physiology of the brain. *Homo sapiens* are far more unique than many have suspected. The more we learn, the more unique we become.

Since humans are created in the image of God, we expect human biological uniqueness. Even more significantly, bearing His image indicates an affinity for humans by the Creator we cannot fully comprehend.

Notes

1. Michael Denton, *Nature's Destiny: How the Laws of Biology Reveal Purpose in the Universe* (New York: The Free Press, 1998).

©2015 Probe Ministries