



## What's Happening?

The Seattle Chapter's Sound Reasons meetings have been a big hit, both in terms of the subject matter and the opportunity to fellowship with local RTB supporters. This series will resume after the summer. If you have suggestions on future topics please feel free to contact Mike Brown at [apologist2@comcast.net](mailto:apologist2@comcast.net).

We are also continuing to explore the possibility of bringing Hugh Ross or another RTB scholar to the area sometime later this year. We are particularly interested in hosting forums for young adults. If you are involved with a local college and might be interested helping to organize an event, please contact us.

In the meantime, we encourage you to continue checking the RTB website for new resources ([www.reasons.org](http://www.reasons.org)). Fuz Rana recently published a new book, *Creation Life in the Lab*, and all of the other RTB scholars are working on new books. There is also a large collection of podcasts that are available through RSS feed, iTunes and on the Blackberry podcast application.

As always, if you have questions, or if we can support your ministry efforts in any way, please do not hesitate to contact us at [seattle@reasons.org](mailto:seattle@reasons.org).

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## Where is God When Bad Things Happen?

By Rich Deem

[Note: This is Part 2 of this article. Part 1 appeared in the March 2011 Chapter Newsletter.]

### Floods

Killing an average of 146 people each year in the United States,<sup>23</sup> flash floods are another natural evil, which should be eliminated according to atheists.<sup>1,13</sup> We have already discussed the problem caused by eliminating the water cycle. Since this is not an option, there are only a few other means to prevent floods. Some floods are the result of land being nearly flat and thus being unable to drain following major storms. Other floods occur when excess rain causes rivers to overflow their banks into the surrounding area. The solution to the flatness problem would be to create hills and mountains. However, these features often result in landslides. It is unclear how atheists propose that both floods and landslides be eliminated simultaneously.



Most people think that floods are evil and have no redeeming properties. In fact, some rivers throughout the world used to flood every year. The flooding brought much needed silt and minerals to the surrounding land, making it more fertile. However, people didn't like the inconvenience of having to rebuild their houses every year. So, we dammed the rivers or built levees to control their flow in the rainy season. The result was that the land now needs to be fertilized, since the natural means of soil renewal has been eliminated.

### Hurricanes/Cyclones/Typhoons

Hurricanes (Atlantic Ocean) and cyclones (Indian Ocean) and typhoons (Northern Pacific Ocean) are tropical storms that gain energy in warm waters to produce sustained winds over 100 mph. They are a particular problem to tropical areas, since storms generated in more northern latitudes cannot generate such high energy, due to the lower temperatures of the water/land over which they form. So, the problem is a function of the

uneven heating of the earth's surface. How could this uneven heating problem be fixed? The earth is heated by the Sun, a single star. If the earth could be heated by three sources (one at the equator, and one at each of the poles), the heating could be made relatively even. The problem is that such a solar system could not exist anywhere in the universe.

Since stars must be a minimum size, three stars circling each other could never illuminate a planet evenly, since their revolutions would place them in different locations at different times. It is unlikely that such a solar system would contain any planets, since gravitational interactions would likely eject all planets within the habitable zone. In fact, very few binary star systems would house planets, because gravitational resonances would tend to eject planets from the system. So, given the laws of physics, planetary heating is always going to be uneven, causing hurricanes and cyclones north and south of the equator.

The tilt of the planet does effect the evenness of heating on a planet. A planet with an obliquity of 90° would experience extreme weather, with one side perpetually frozen and the other extremely hot. An obliquity of 0° would result in perpetually frozen poles, at which ice would continue to accumulate until the planet lost most or all of its oceans to frozen ice caps. It turns out that the earth's 21.5° obliquity is optimal for maintaining habitable conditions throughout nearly the entire planet, without allowing accumulation of ice at the poles. So, it appears that the evenness of heating of planet earth is already optimal, and cannot be significantly improved.

## Tornadoes

Tornadoes represent some of the most destructive forces in the world. Winds in violent tornadoes can exceed 200 mph. Although most tornadoes occur in the Midwest part of the United States, they can occur in numerous locations throughout the world.<sup>25</sup> Tornadoes are also ultimately caused by uneven heating, which results in local atmospheric pressure changes, causing a horizontally rotating mass of air. Rising air within a thunderstorm pulls this rotating air vertically, resulting in the familiar funnel shape, which causes destruction at its point of impact on the ground. Given the laws of physics, it is not possible to prevent storms from forming or travelling over land. In addition, the vast majority of storms are good - allowing life (i.e., sentient beings) to exist on the land. So, it is not possible to prevent hurricanes and tornadoes without negatively impacting the ability of higher organisms to exist on land.

## Lightning

Lightning strikes from thunderstorms kill ~100 people every year in the United States.<sup>23</sup> Lightning is caused by the differential charges generated within clouds. Ice particle collisions form charged particles. The smaller, mostly positively charged ice particles segregate near the tops of clouds while larger, mostly negatively charged ice goes to the bottom of the clouds. When the charge differences reach a critical level, an electrical discharge takes place. Usually, lightning strikes harmlessly between clouds. When strikes happen between a cloud and the ground, massive localized damage can occur. Although we tend to think that lightning is rather restricted in its range, it is found at a frequency of at least 1 strike/km<sup>2</sup>/year throughout the

# Bible & Science In the News

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## ■ "Junk" DNA: An Outdated Concept

In this six-part series, Dr. Patricia Fanning discusses how scientists are beginning to think that "junk DNA" is anything but "junk." She explains how these noncoding areas of DNA once thought to have no purpose, are now known to play a variety of roles in gene expression. Go to [www.reasons.org/resources/news-archive](http://www.reasons.org/resources/news-archive).

## ■ Lead Codices

Some may have heard about the discovery of 70 metal books hailed as the earliest Christian documents. This article discusses the findings of a translator who claims to have incontrovertible evidence they are fakes. Go to: [http://news.yahoo.com/s/livescience/20110411/sc\\_livescience/exclusive\\_earrlychristianleadcodicesnowcalledfake](http://news.yahoo.com/s/livescience/20110411/sc_livescience/exclusive_earrlychristianleadcodicesnowcalledfake).

## ■ Interpreting Creation

In this four-part series, Dr. Hugh Ross explains RTB's apologetic methods and hermeneutical principles. He also examines models various groups use in the creation-evolution debate and how RTB developed and tests their biblical creation model. This is a great primer for those who are new to RTB. Go to [www.reasons.org/resources/news-archive](http://www.reasons.org/resources/news-archive).

## ■ Life After Death

This article by Dinesh D'Souza discusses the various theories that are used to dismiss the claim of Christ's resurrection. He reviews the historical facts that have to be accounted for in accepting those theories and concludes that none provides even a remotely satisfactory account of the available data. Go to [www.tothesource.org/4\\_40\\_2011/4\\_20\\_2011](http://www.tothesource.org/4_40_2011/4_20_2011).

## ■ The Joy of Secularism?

This article by Benjamin Wiker discusses the book *The Joy of Secularism* which tries to answer the questions facing those who reject God. He concludes that in trying to find satisfaction in exclusive naturalistic terms, the book actually points to the fact that Christianity does those things. Go to: [www.tothesource.org/4\\_13\\_2011/4\\_13\\_2011](http://www.tothesource.org/4_13_2011/4_13_2011).

# Book Review

## Saving Leonardo

Nancy Pearcey  
B&H Publishing, 2010

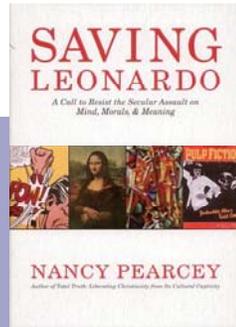
Reviewer: Mike Brown

During the 1970s, Francis Schaeffer provided us with a brilliant analysis of the key moments in history which formed our present culture. He did this through his now classic work *How Should We Then Live?* in book form and through a video series. One of his most famous converts at his L'Abri Fellowship in the Swiss Alps was Nancy Pearcey. I was first introduced to her when I read *How Now Shall We Live?* which she co-authored with Charles Colson. One of my all-time favorite books, *Total Truth*, was also written by her.

In this her latest work, she "helps a new generation of evangelicals to understand the worldview challenges we now face and to develop an intelligent and articulate Christian understanding..." (R. Albert Mohler Jr., President, The Southern Baptist Theological Seminary). The book is chock full of color pictures of artwork, books, movies, etc. which she uses to illustrate how we got to where we are. I wish to finish this review with quotes from two internationally respected Christian apologists. They sum up this excellent work much better than I could.

J. P. Moreland: "Nancy Pearcey is an intellectual prophet in our day and one of Evangelicalism's foremost cultural observers. *Saving Leonardo* is a tour de force. In it, Pearcey provides a penetrating analysis of the nature of contemporary secularism, a helpful exposition of how we got to the present situation, and a well-crafted strategy for changing the situation. This is her best effort yet...a must read."

James W. Sire: Nancy Pearcey has done it again and better than ever. She has taken the complex sophistication of the best cultural analysis and laid it out for any person to grasp, enjoy and use to live out their daily lives honoring Christ. An astounding accomplishment."



world,<sup>26</sup> with the exception of the poles and extreme deserts. Even where I live in Southern California, we receive a few strikes in our neighborhood every year. The obvious way to eliminate lightning is to eliminate storms. However, this "solution" would leave the land barren of life. Reducing the electromagnetic force constant to decrease the number of lightning strikes would adversely affect chemical reactions, preventing the existence of life altogether.

Most non-scientists probably think there are no redeeming qualities to lightning strikes. However, the high energy electrical discharge results in the splitting of molecular nitrogen and oxygen. When these atoms recombine, they form nitric oxide,<sup>27</sup> which is delivered to plants in the rain. It turns out that molecular nitrogen (making up nearly 80% of air) is chemically unavailable to virtually all life forms (other than a few species of nitrogen fixing bacteria). So, lightning provides chemically-available nitrogen to plants.

### Fires

Fires cause extensive damage throughout the world. Living in California, there are wildfires every year that cause millions of dollars in destruction and usually a few fatalities. Atheist William Rowe used the example of fire as natural evil, in which lightning started a fire in a forest, which eventually burned a young deer (read "Bambi") that suffered for several days before dying. Surely, a good God would want to prevent the suffering caused by fires.

As you learned in your elementary science classes (or Boy Scouts), fire requires three things - fuel, heat and oxygen. In most cases, the fuel is plant material. Obviously, God cannot eliminate plants, since all life is dependent upon the food and sequestered energy produced through photosynthesis.

Eliminating heat is problematic, since the entire universe operates on the basis of thermodynamic laws. Without our Sun producing massive amounts of heat through nuclear fusion, life would be impossible on earth. Even preventing excessive heat on earth is problematic for our technological society. Much of our electricity, plus heating our homes and vehicle travel (automobile, airliner, train, etc.) requires combustion. Although occasional fires are started through lightning strikes, most destructive fires are caused by arson—moral evil. So, eliminating natural sources of heat would not prevent the majority of suffering caused by uncontrolled fires.

One cannot eliminate oxygen from the environment, since nearly all of life requires oxygen for metabolism. There are some anaerobic (non-oxygen requiring) microorganisms, but such metabolic mechanisms tend to produce energy much less efficiently (which is why there are no anaerobic higher animals). Essentially, the metabolic processes of all life are equivalent to

combustion and require the physics that allows fire to exist. So, eliminating fire would have prevented God from carrying out His plan for life on earth.

### **Genetic diseases/cancer**

The human population suffers from numerous genetic diseases, which occur as a result of random mutation. Some genetic diseases are retained within a population in response to selective pressure. For example, Sickle-cell disease developed in Africa in response to the malaria threat. Malaria was extremely deadly, wiping out entire populations. However, the Sickle-cell mutation results in individuals being resistant to Malaria. Those who are homozygous die at a younger age, although heterozygous individuals suffer little or no morbidity. So, this genetic disease was not designed by God, but grew out of a mutation selected on the basis of population survival.

Other genetic disorders and cancers probably do not have survival advantage, but are just due to random mutation. So, we would not say that God designed any genetic diseases (i.e., Adam and Eve did not have these mutated genes). That being said, why would God design a system in which mutation is even possible?

The error rate for copying DNA is actually quite small. Human genomic mutation is among the lowest of all eukaryotes,<sup>28</sup> estimated to be  $\sim 2.2 \times 10^{-9}$  per base per generation.<sup>29</sup> The rate of DNA replication is  $\sim 60$  bases/sec, which is very fast. If it were not that fast, then cells would not reproduce fast enough for humans to exist. There is a trade-off in speed vs. accuracy. For example, bacteria replicate at  $\sim 500$  bases/sec, but have an error rate  $\sim 1 \times 10^{-8}$  per base.<sup>30</sup> So, the ten-fold increase in speed for bacteria results in a 10-fold decrease in accuracy. Given the laws of physics and the nature of quantum events, it is not possible to design a biological machine that operates with 100% accuracy. In fact, many biological systems are operating right up to the maximum theoretical limits. So, given the laws of physics, it is not possible to create an organism that does not possess at least a small mutation rate. Therefore, genetic mutation and disorders are inevitable for any reproducing biological species.

### **Infectious diseases**

One of the major objections atheists raise to the existence of God is the presence of pathogenic microorganisms. Why would God create infectious organisms to plague human beings and other animals? In this section, we will examine two classes of infectious disease - those caused by bacteria and those caused by viruses.

Bacteria are single celled prokaryotes (organisms that lack a nucleus, or other membrane-bound organelles), which are mostly free-living. Bacteria are indispensable to the biomes of the world, recycling carbon and minerals from dead organisms. Bacteria are typically present

at greater than 10<sup>7</sup> organisms/g in soil and makeup the vast majority of the earth's biomass (greater than 10<sup>30</sup> organisms). In addition to their role as recyclers, some bacteria can fix carbon as photoautotrophs or chemoautotrophs. Many bacteria serve as the first trophic level in a food chain. In addition to free-living bacteria, many are commensal and/or symbiotic, living beside or within other organisms. For example, human beings are hosts to at least ten times the number of bacterial cells than their own cells. Most of these bacteria inhabit our intestines, where they serve to metabolize unused energy substrates, prevent the growth of harmful species, and produce vitamins such as biotin and vitamin K.

Because of the nature of microbial activities, these organisms are required for the existence of sentient creatures. The question then arises, "What about pathogenic bacteria?" It turns out that pathogenicity is the function of a poor host-microbe response. Bacteria that have been adapted to their hosts are non-pathogenic, since killing or harming your host does not facilitate your own survival. So, the existence of pathogenic bacteria are not the result of God's creation, but the result of mutation and transfer to a less adapted host. Because of bacteria's high reproductive rate and mutation rate, it is not possible to prevent the development of pathogenic species. So, the presence of pathogenic bacteria on earth is a result of processes that are required to recycle biological materials.

Viruses are obligate intracellular parasites that use cellular machinery to reproduce their nucleic acid. Unlike bacteria, which are indispensable to higher life forms, it was originally believed that viruses serve few if any positive functions to promote advanced life. So, where did these viruses come from? Scientists have two main theories. One says that viruses were once free living cellular microbes that began to infect eukaryotes (and other prokaryotes). Once these microbes became intracellular, they were free to evolve by losing functions to the cellular machinery they had hijacked to perform necessary cellular functions. The other theory says that cellular machinery mutated to acquire independent reproductive activity. However, many viruses use specialized enzymes and different nucleic acids (RNA vs. DNA), suggesting that they were not derived from the host. In addition, since Darwinian evolution is fully capable of losing information through natural selection, I think the first theory to be a superior explanation of viral origins. In addition, the recent discovery of giant viruses with up to 900 gene products<sup>31</sup> suggest that they may have evolved from more complex organisms. So, it seems likely that viruses are merely highly specialized bacteria that have lost much of their cellular machinery to become obligate parasites. Given the laws of thermodynamics there is probably no way to get rid of viruses other than direct interference when they arise.

Recent scientific studies point to viruses being involved in

the ocean's nutrient cycle.<sup>32</sup> In fact, studies estimate that there are ~1030 viruses in the ocean. Since there are "only" 1080 baryons in the entire universe, this number shows the enormity of viral influence in the marine environment. Although viruses probably impact terrestrial environments less than marine ones, ultimately, most of the earth's terrestrial biomass ends up in the ocean. Since most of these studies are relatively recent, we should probably expect to see more evidence for the positive role of viruses in carbon recycling in the future.

### Animal pain

The red tooth and claw nature of the animal kingdom is troubling to many people, even though we human beings tend to be at the top of the food chain and generally enjoy eating other animals. In the wild, carnivores attack and kill herbivores, inflicting at least some pain in the process. Ecological systems are delicately balanced so that both herbivores and carnivores can live and reproduce in balance. Without carnivores, herbivores would reproduce until they ate all their food sources, causing massive starvation. Having populations suffer periods of catastrophic starvation doesn't seem to be a better way to run an ecosystem. Starvation is much more painful and cruel than being eaten by a carnivore.

Atheists tend to assume that all pain, suffering, and death are bad or evil. However, physical pain is absolutely vital to our survival and well-being. If we felt no pain, we would do things to ourselves that could be very destructive. There is a rare genetic disease in which a person cannot feel pain. A girl who suffers from this affliction has to be constantly watched to make sure she doesn't do damage to herself.<sup>33</sup> If God had made us without the ability to feel pain if we touched a hot object, we would not react until we saw our flesh smoking. Recently, I was digging weeds out of my front lawn and noticed some irritation on my palm, but ignored it until the blister that had formed popped. At that point, the pain level was sufficiently high to stop me from doing further damage to my hand. So, pain tells us we need to react to a situation before serious damage occurs.

Not all nerve receptors transmit sensations of pain. God has provided us with nerves that transmit sensations of pleasure, as well. So, the exact same chemical signals from different nerves are interpreted as pain or pleasure depending upon which areas of the brain they stimulate.

### Extent of natural evil

Atheists complain a lot about natural evils in the world, but seldom give statistics about how much they negatively impact our lives. In my 50+ years of life, I haven't been seriously impacted by meteorites, earthquakes, volcanoes, floods, landslides, storms, lightning or fires. Is my experience unusual, or do all these evils only marginally impact the average person?

The table below represents the extreme cases of natural evil experienced by people in the United States and is certainly not any kind of average impact. In an average year, less than 2% of people in the U.S. are impacted by any form of natural evil. A much smaller percentage of people are actually killed through any form of natural evil. So, why do atheists make such a big deal about natural evil? The most probable explanation for their concern is today's modern news media, which reports natural disasters with relish. If one watches the nightly news on a regular basis, one would get the impression that the entire world's population is plagued by natural disasters. The statistics reveal otherwise:

### Impact of Natural Evil on People in the U.S.

<u>Natural evil</u>	<u>% People Affected/Year</u>
Meteorites	0%
Earthquakes	0.02% (Northridge, 1994) <sup>34</sup>
Volcanoes	0.2% (Mt. St. Helens, 1980) <sup>35</sup>
Landslides	0.02% <sup>36</sup>
Floods	0.03% <sup>37</sup>
Hurricanes	1% (Katrina, 2005) <sup>38</sup>
Tornadoes	.006% <sup>39</sup>
Lightning	0.00004% <sup>23</sup>
Fires	0.1% <sup>40</sup>
Genetic diseases	1.3% <sup>41</sup>
Cancer	0.5% <sup>42</sup>
Infectious diseases	0.06% (deaths) <sup>43</sup>
Total	3.2%

### The Tinkering God

So far, we have examined ways to eliminate natural evil from the universe. We have been completely unsuccessful, because the physical processes that cause natural "evil" are the same ones required for the proper functioning of the universe and the existence of sentient life. However, there is another solution for all these examples of natural evil—the tinkering God. God could just wave His hand and prevent all individual examples of natural evil that might impact humans or animals. The solution seems simple, since, if God is omnipotent and omniscient, this task would not be too difficult. Every time something bad was about to happen, God would personally intervene and stop it. Although we would argue that God occasionally breaks the laws of physics (miracles), He does not do this on a routine basis. In general, miracles are done with the purpose of displaying God's power and authority. If God were to break the laws of physics routinely, science would not exist, since it

would be impossible to determine how the laws of physics operated. In essence, there would be no reliable laws of physics to measure, since God's interference would make measurement unreliable. In addition, if God constantly interfered, people would get used to being rescued and would get lazy, expecting God to bail them out when they failed to act responsibly. So, the tinkering God approach for the elimination of natural evil violates God's requirements for the universe.

### Formalized argument

We have examined every example (that we have found) of "natural evil" proposed by atheists and found no instance in which this evil could be prevented without causing a greater evil—preventing the stated purpose for the existence of the universe. If we have missed some arguments, please send them to us. Here is our formalized argument:

- There exists an omnipotent, omniscient, wholly good being.
- An omnipotent, omniscient, wholly good being would prevent the occurrence of any intense suffering it could, unless it could not do so without thereby losing some greater good or permitting some evil equally bad or worse.
- It is not the case that there exist instances of intense suffering which an omnipotent, omniscient being could have prevented without thereby losing some greater good or permitting some evil equally bad or worse.

### Why Did God Choose These Laws of Physics?

Although we have shown that the laws of physics require the existence of all natural evils defined by atheists, it is still possible that God could have chosen different laws of physics. Even so, the different laws of physics would still need to meet requirements for the universe. Virtually every process that makes human beings unique require the operation of thermodynamic laws. However, these laws also result in almost all natural evil. So, it is unclear how the laws of physics could be substantially different from what they are and yet still produce a universe in which sentient creatures would be allowed to make moral choices.

### Obtaining Physical Perfection

The model proposed in this paper admits that God's designs in this universe are limited by the laws of physics. It doesn't mean that God Himself is limited, just that He chose limiting laws of physics to provide the optimal creation in which His purposes could be fulfilled. Contrary to what atheists want to believe about God, this universe was not designed to provide an eternal, perfect place for humans to live in. It is perfectly designed to give human beings the optimal conditions under which choice

between good and evil can be made. In order to design thermodynamically-perfect biological machines, it would be necessary to create a universe in which the second law of thermodynamics did not operate at all. Of course, removing the second law means that the universe would have been completely different. There would be no stars, no electromagnetic radiation (including light), and no way to design machines (including biological ones) that depend on heat/energy flow. This means that creatures would not be powered by food or metabolic processes. Creatures designed for such a universe could never die a natural death, since death is dependent upon the operation of the second law. However, the description of this hypothetical universe corresponds almost exactly to the Bible's description of heaven (see *What Will Heaven be Like?*). Therefore, the atheists' "perfect universe" nearly exactly corresponds to the Bible's description of heaven:

- There will be no Sun or moon.<sup>44</sup> Implication—no thermodynamics.
- No more death, suffering, pain.<sup>45</sup> Implication—no thermodynamics.
- No sea.<sup>46</sup> Implication—no water cycle.
- Gravity will be absent or greatly reduced.<sup>47</sup> Implication—heaven does not contain matter(?)
- Believers will receive a spiritual, non-physical body.<sup>48</sup> Implication—heaven does not contain matter(?)

The problem about heaven is that there is no ability to choose good vs. evil, since there is no evil. This lack of choice is the reason that God instituted a two creation design—the first in which free will beings could make choices, and the second to reward those beings who choose to be with God in His second creation. Atheists seem to be stuck on the idea that a perfect God must design a physically-perfect universe. God Himself called individual aspects of the current creation as "good" and the overall design "very good," but never "perfect." And the universe is "very good." The biological machines are awesome, but by no means perfect. They can't be, in this universe. The second creation (heaven) is perfect, but it doesn't house beings with physical bodies - only beings with spiritual bodies.<sup>48</sup> Physical bodies cannot operate in a universe that lacks the laws of thermodynamics.

### CONCLUSION

The "natural evil" described by atheists actually represents the design of an intelligent Creator. Atheistic arguments claiming that God could eliminate most or all natural evil are simplistic or naive and show a lack of basic understanding of how the physics of the universe operates. This page shows that all examples of natural "evil" are, in fact, required for the existence of sentient creatures or to provide evidence for God's existence.

The universe that atheists think God should have designed is the one in which He will reward those who believe in Him. The universe we live in is perfectly designed as a place to choose between good and evil. However, such choices would not be possible in a physically-perfect universe in which natural evil did not exist. This is why the God created a two universe design—the first a temporal, material universe dominated by choice, and the second, non-temporal, non-material universe designed to optimize interpersonal relationships between believers and God.

Rich Deem is a volunteer RTB apologist. He has a Masters of Science in microbiology and is a researcher at the Cedar-Sinai Medical Center. This and other articles can be found on his website at [www.godandscience.com](http://www.godandscience.com).

Note: For the footnotes cited, please go to Rich Deem's website for the original article at [www.godandscience.org/apologetics/natural\\_evil\\_theodicy.html](http://www.godandscience.org/apologetics/natural_evil_theodicy.html).



## Seattle Chapter Reasons To Believe

### Who Are We?

The Seattle Chapter of Reasons To Believe is a local extension of the worldwide, interdenominational Reasons To Believe ministry. We exist to support our parent organization and foster local involvement in the ministry. We serve the Puget Sound and are composed of Christians of different ages and backgrounds.

It is our conviction the same God who created the universe inspired the Bible. Therefore, God's Word must agree with the facts of nature. We reject the notion that science and the Bible are at odds and provide a scientifically-sound and Biblically-faithful alternative to Darwinism and young-Earth creationism.

### What Do We Do?

Our mission is to remove the doubts of skeptics and strengthen the faith of believers. We provide scientific, historical and philosophical evidence that supports the Christian worldview and helps remove barriers to a belief in God, the Bible and the Gospel of Jesus Christ. We carry out this mission by:

- Helping people access RTB and other scientifically and biblically sound resources.
- Bringing nationally-known speakers into the area to promote the scientific reliability of the Bible.
- Assembling a team of local apologists to address questions about science and the Bible.
- Building alliances with local churches, ministries and groups to maximize the exposure of RTB.
- Reaching out to unbelievers with gentleness and respect, to expose them to God's word.

We welcome your involvement and support. For more information, contact us at [seattle@reasons.org](mailto:seattle@reasons.org). Tax-deductible donations can be sent to: Seattle RTB, PO Box 99683, Seattle, WA 98139-0683.

### Questions? Get Answers.

If you're looking for scientific support for your faith or answers to questions about God, the Bible, and science, contact us at [seattle@reasons.org](mailto:seattle@reasons.org). Or call the RTB hotline seven days a week, 5:00 to 7:00 PM at 626-335-5282.