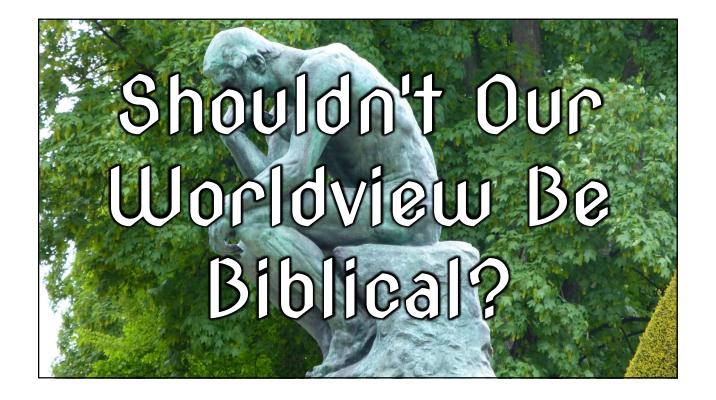


"A worldview is the framework from which we view reality and make sense of life and the world."

"A worldview is a set of beliefs and assumptions that a person uses when interpreting the world around him."

"A worldview is a way of looking at the world and one's place in the world. It is a perspective on reality."



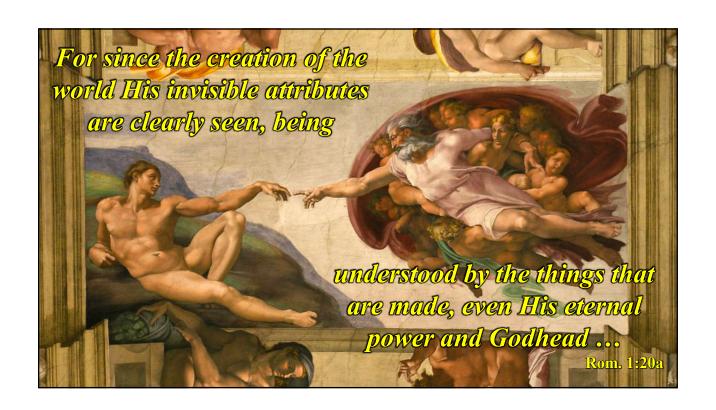
# What Would Make a Worldview Biblical?

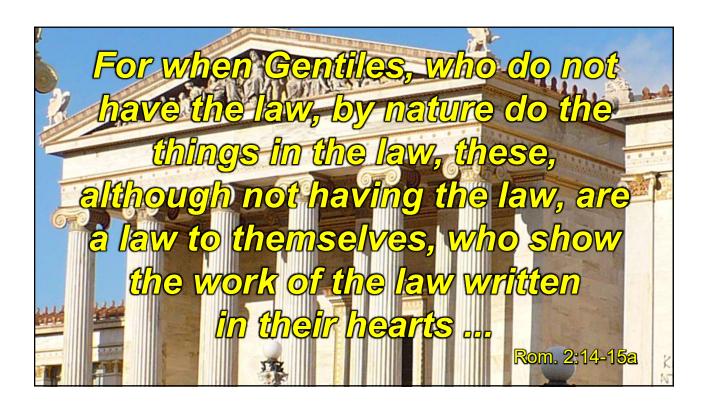


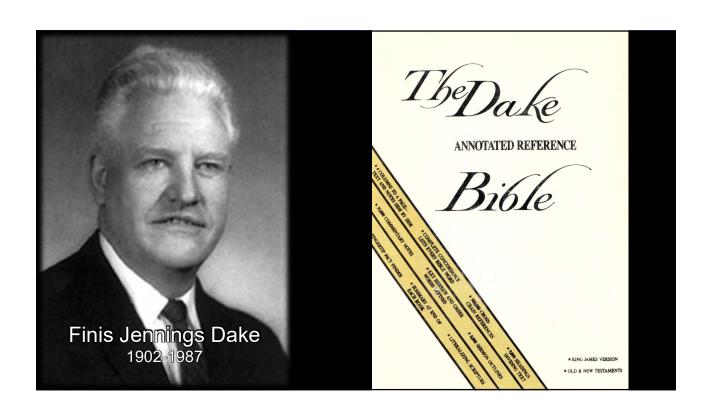
# What Could Be Wrong about the Expression 'Biblical Worldview'?

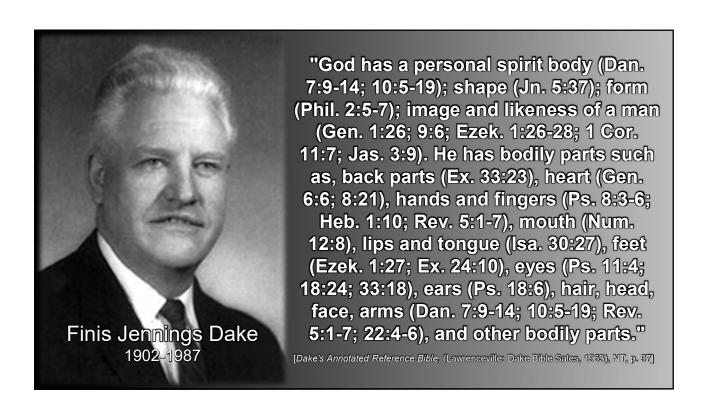
The heavens declare the glory of God; and the firmament shows His handiwork.

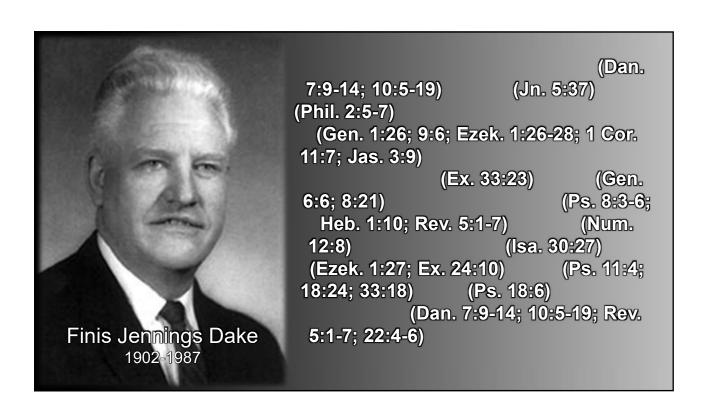
Psalm 19:1

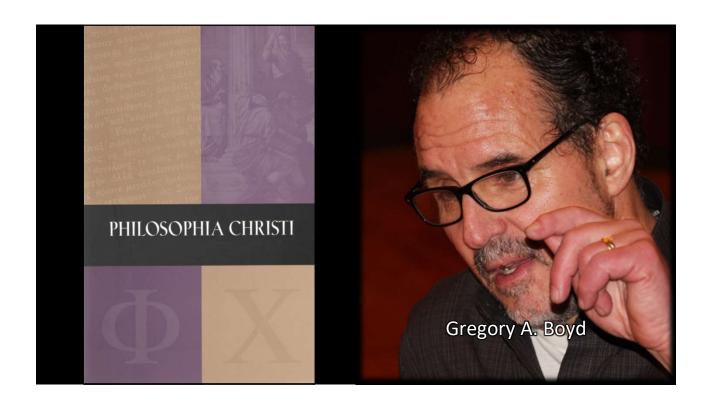




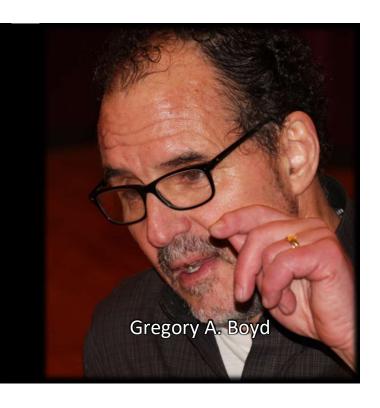








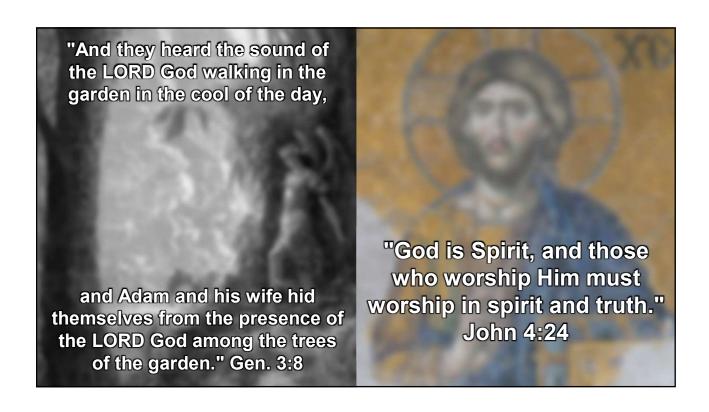
"Scripture also frequently depicts God as experiencing regret ... disappointment, frustration, and unexpected outcomes ... suggesting that the future is to this extent composed of possibilities rather than certainties.

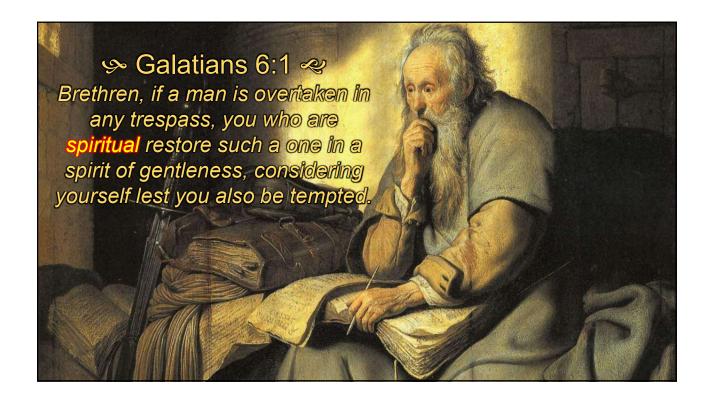


"It is, I submit, more difficult to conceive of God experiencing such things if the future is exhaustively settled in his mind than if it is in part composed of possibilities."

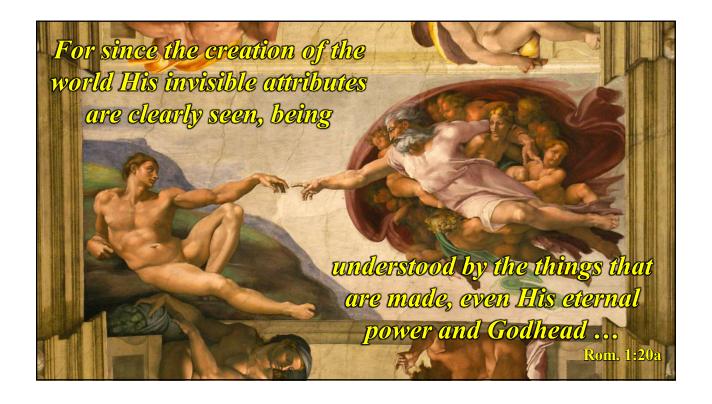
[Gregory A. Boyd, "Neo-Molinism and the Infinite Intelligence of God," Philosophia Christi 5, No.1, (2003):192]

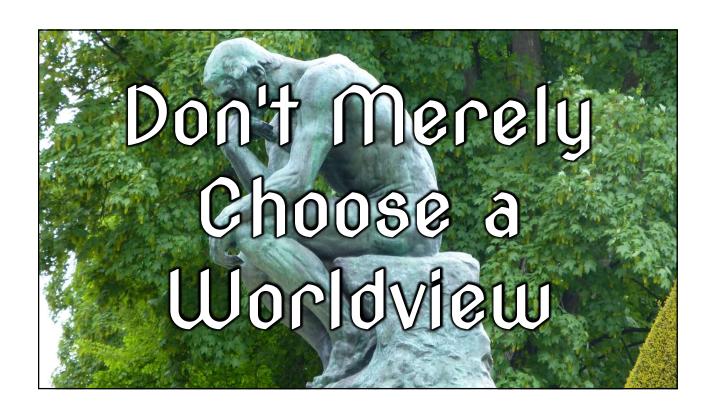


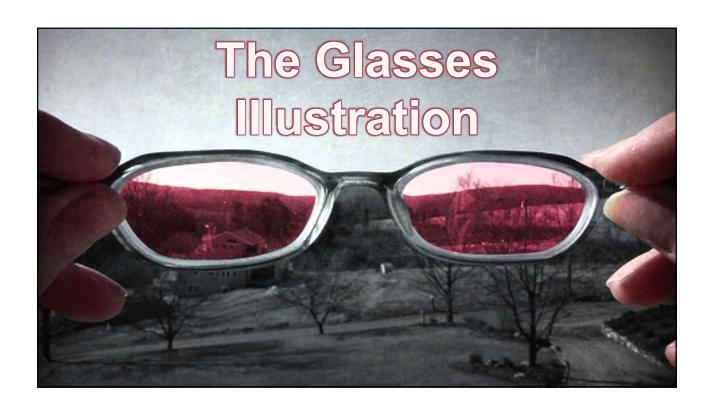






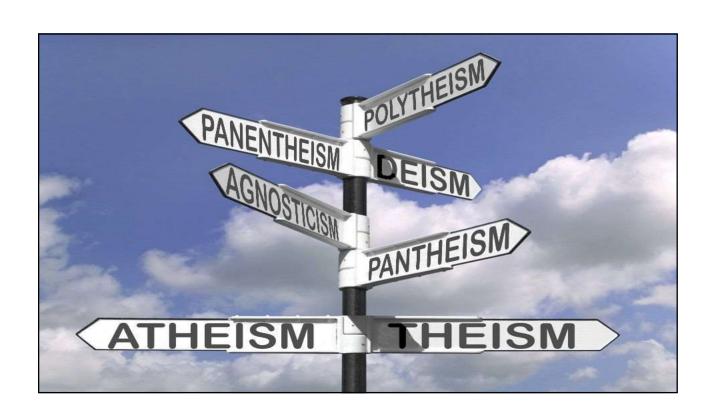


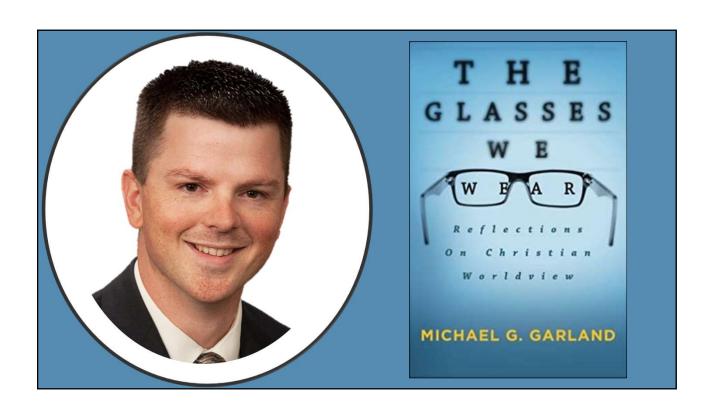


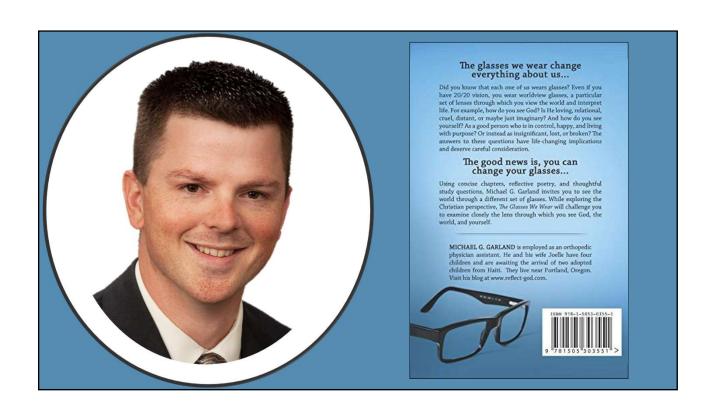


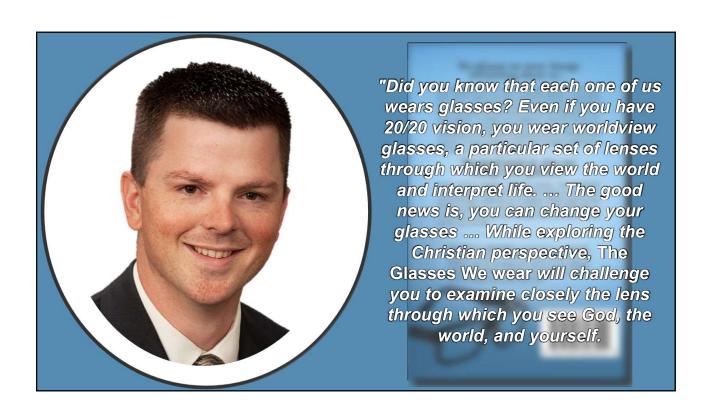


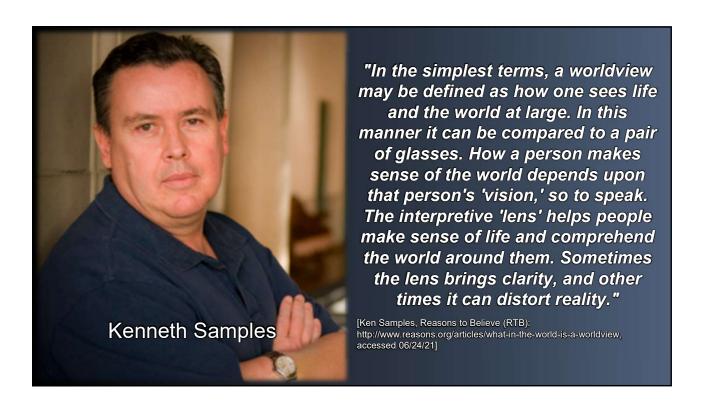


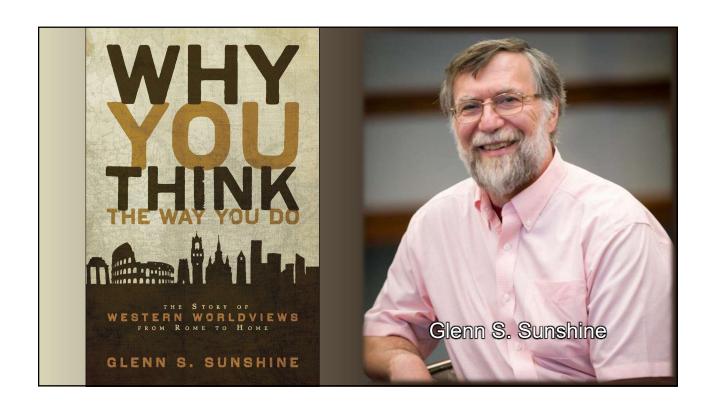


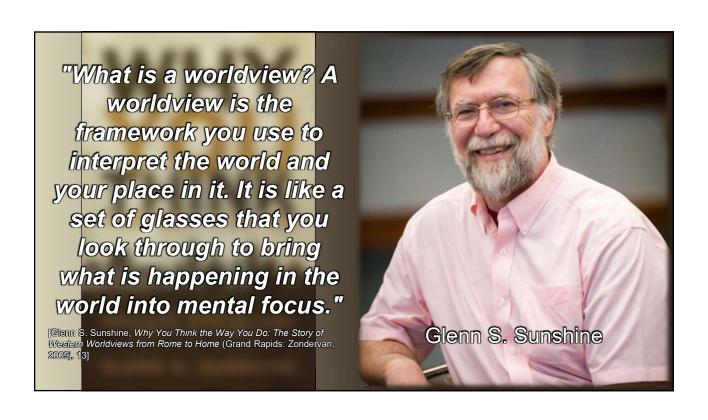


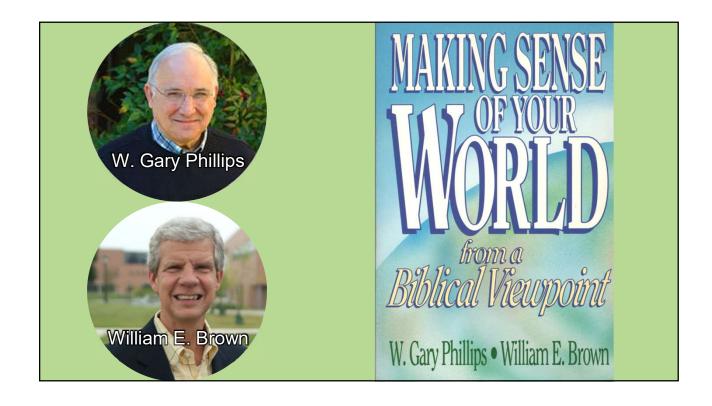


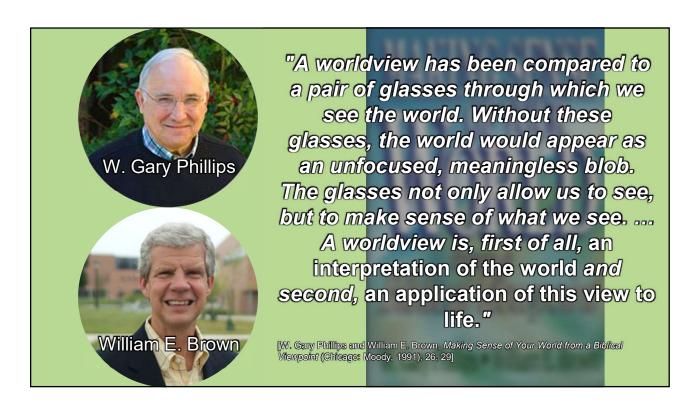


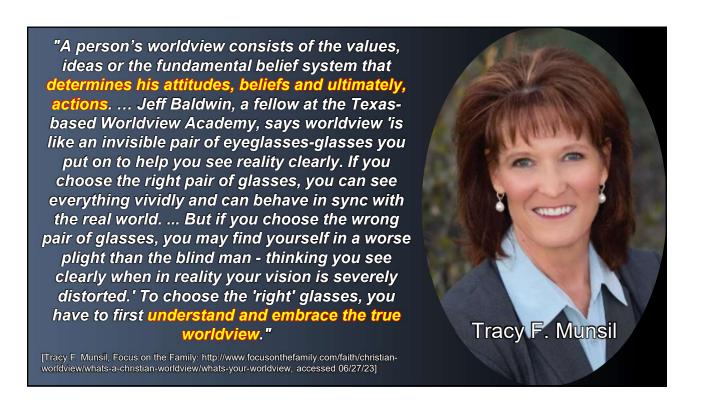


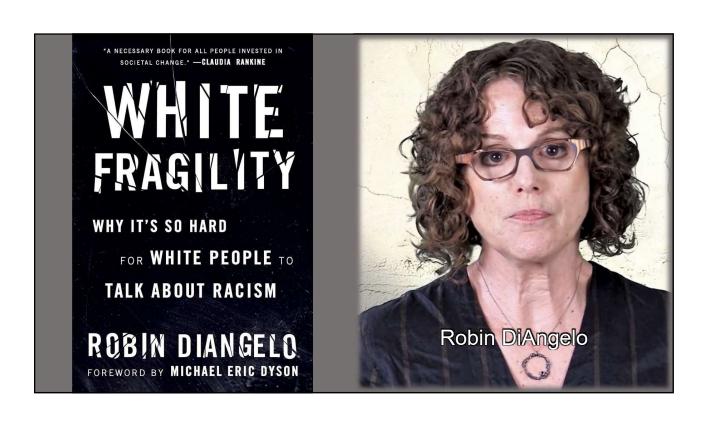


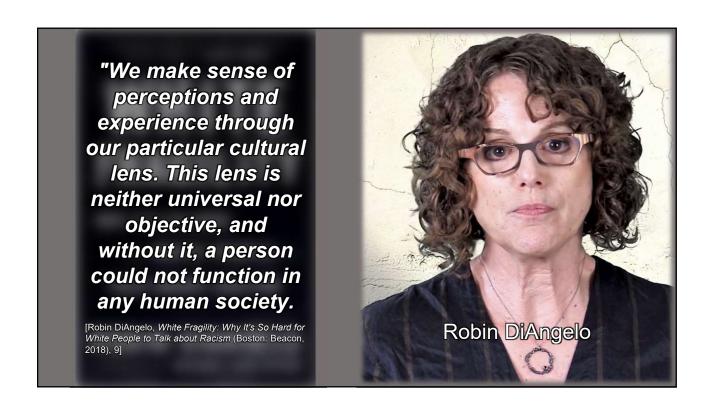


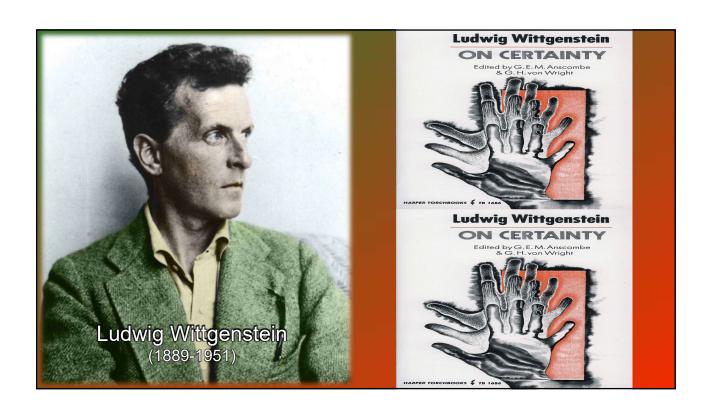


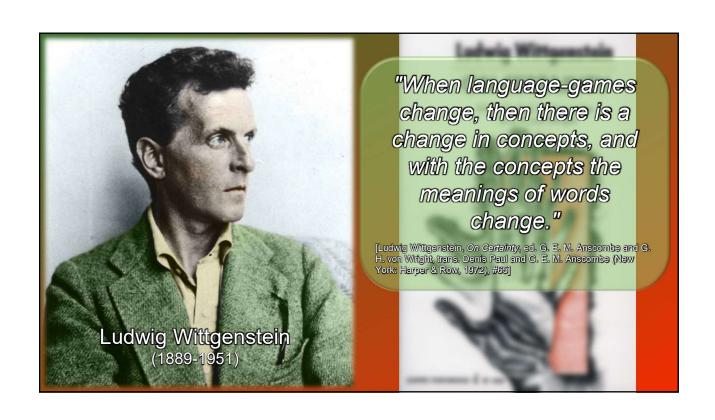


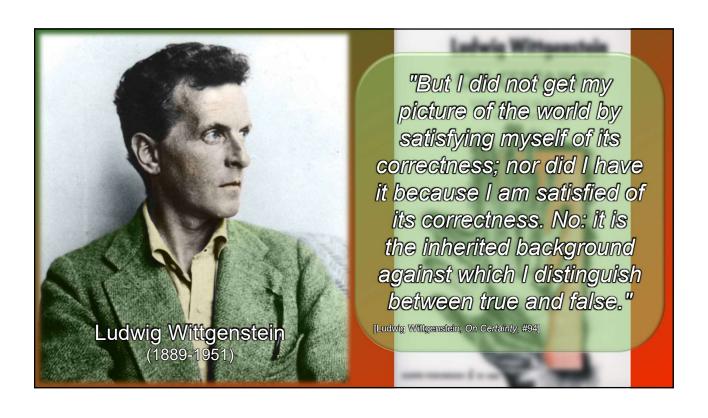


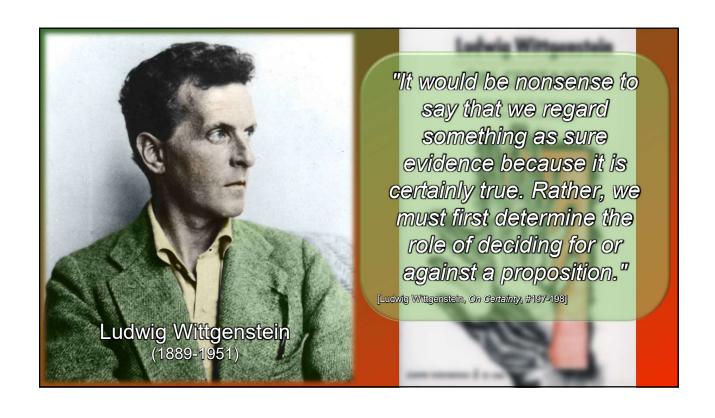


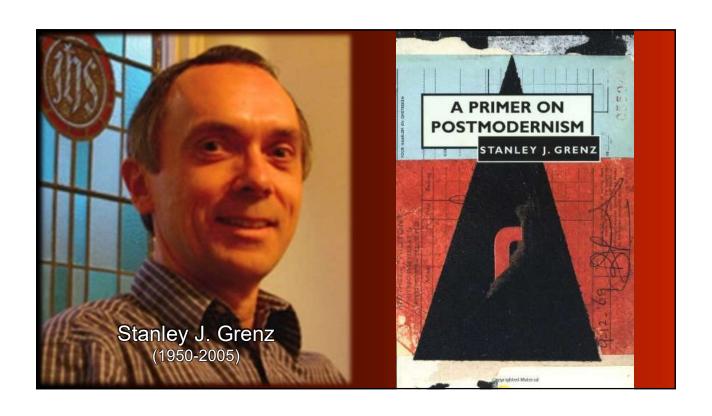


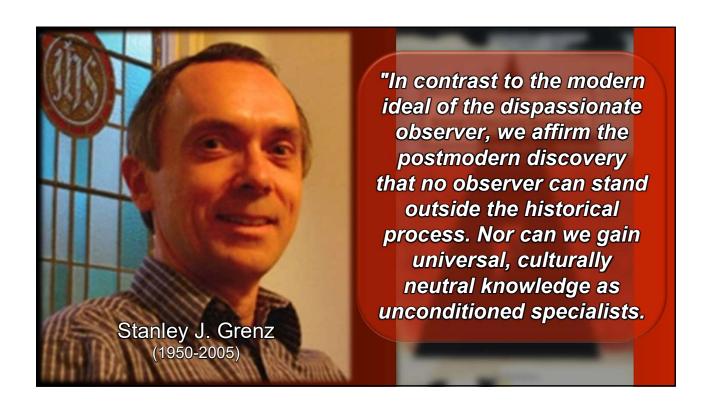


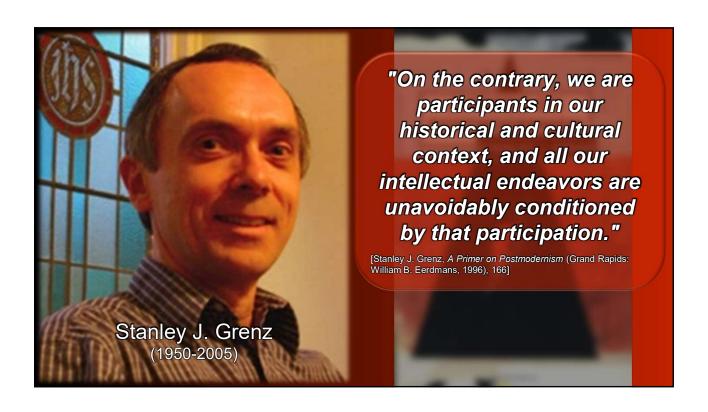


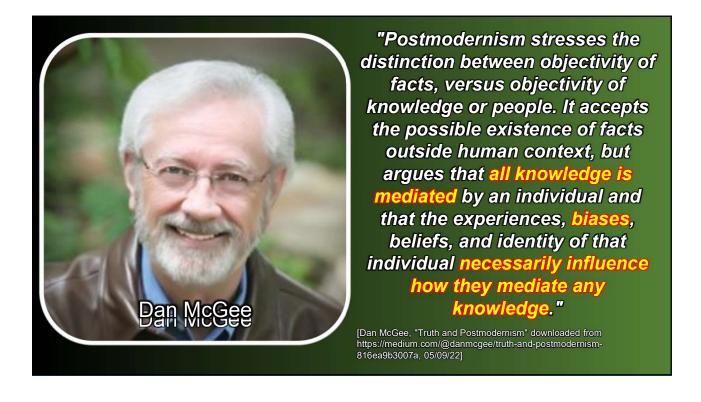


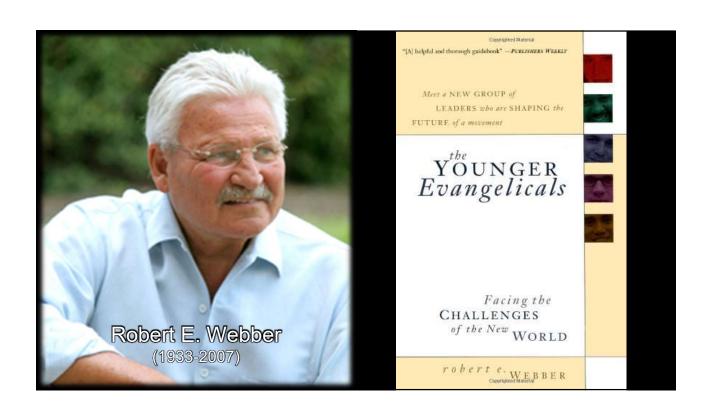


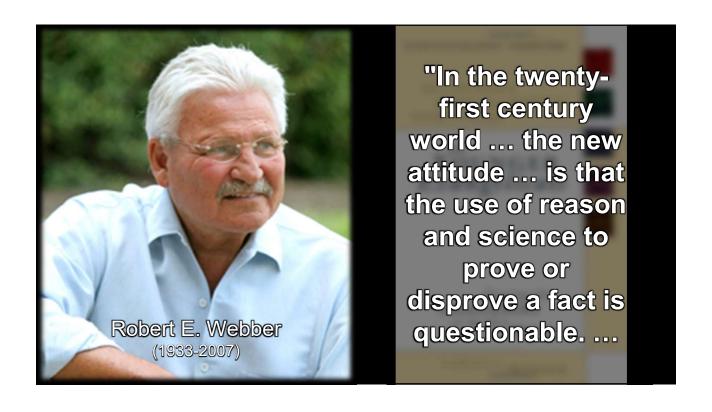


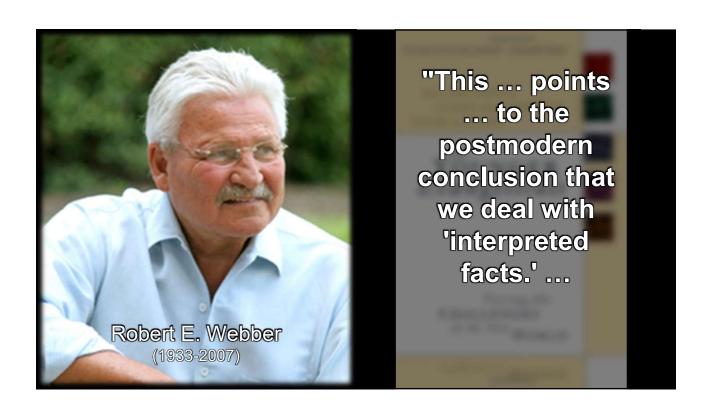


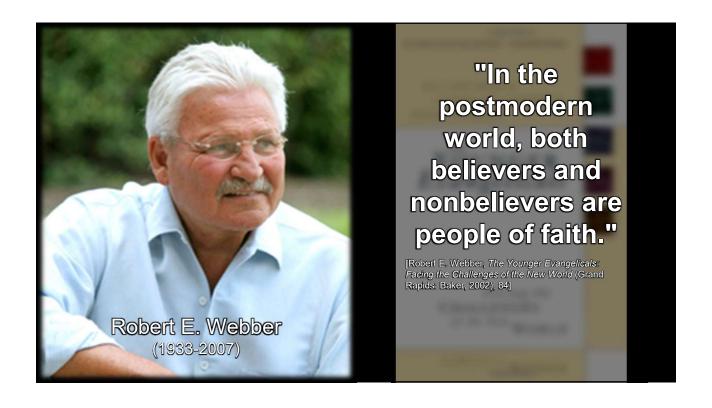












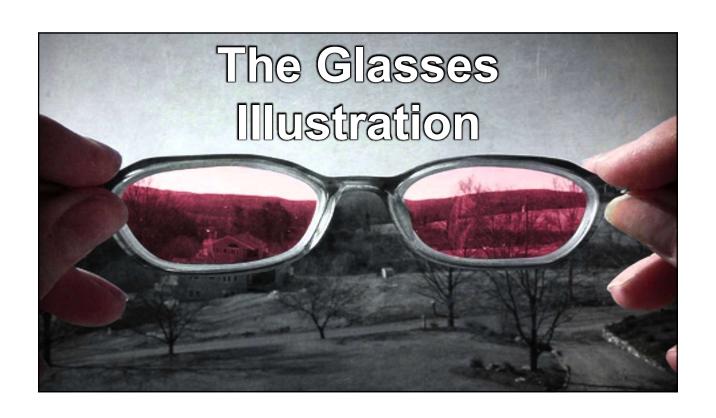




Webber: "That probably is the most distinguishing feature of the Traditionalists. They've been shaped by the Enlightenment. So they work with modern philosophy, a modern understanding of science, history, sociology. They're modernist, and so they interpret the Christian faith through these modern categories.

Webber: "And what's very interesting about Traditional Evangelicals is that the categories through which they interpret the Christian faith are almost regarded as sacred, almost as sacred as the Christian faith itself. So if you say, 'Well, I don't believe in evidential apologetics,' there's something wrong with you."

29



# **PERSPECTIVISM:**

**∞** Definition **⋖** 

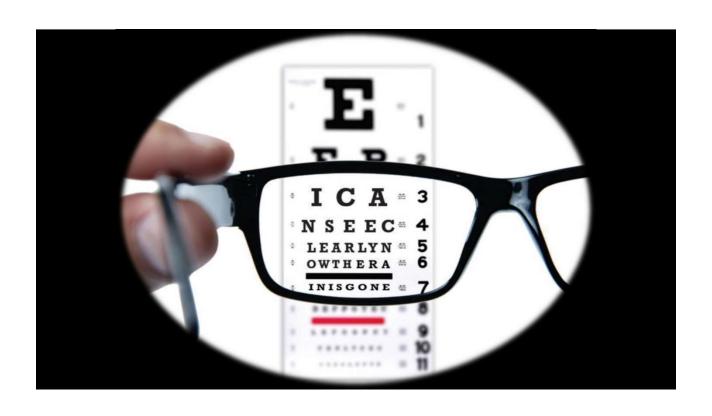
everyone has their own perspective about the world and that nobody's perspective is any more or less legitimate than anyone else's.

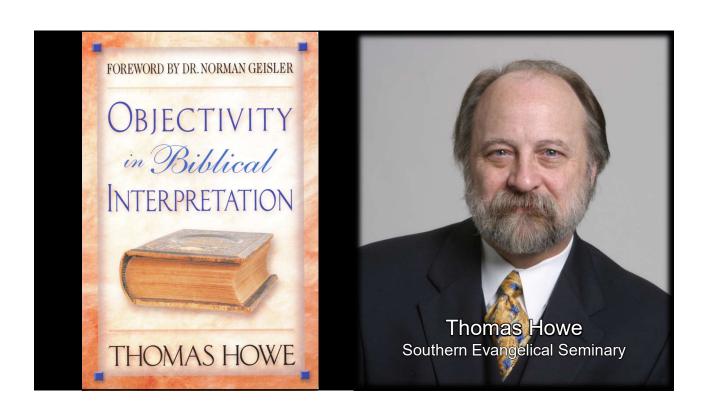
## **PERSPECTIVISM**

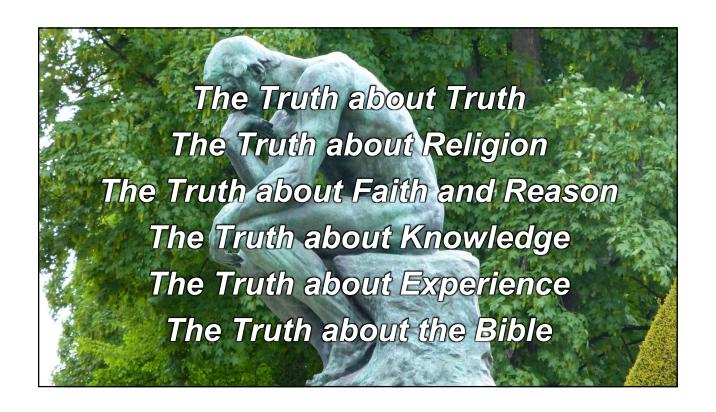
How can one choose a world view without being affected by his own world view while making the choice?

## **PERSPECTIVISM**

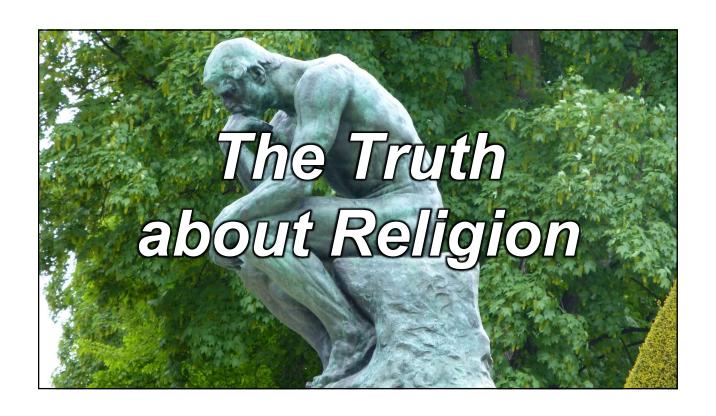
Don't we actually want something more from our world view than merely choosing our preferences?

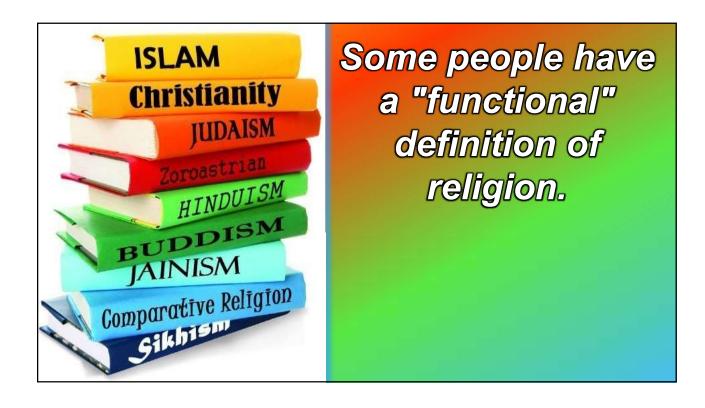


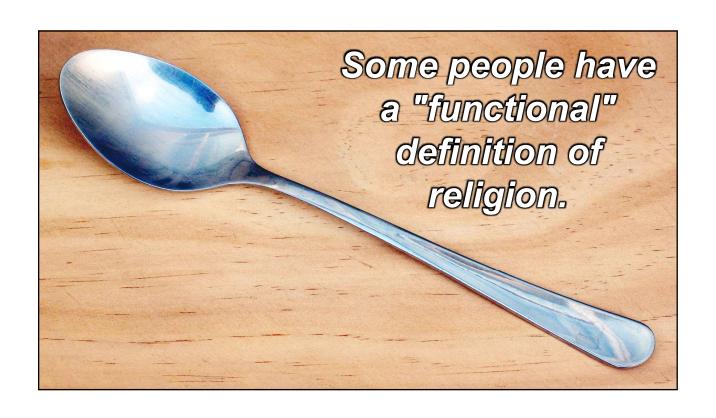


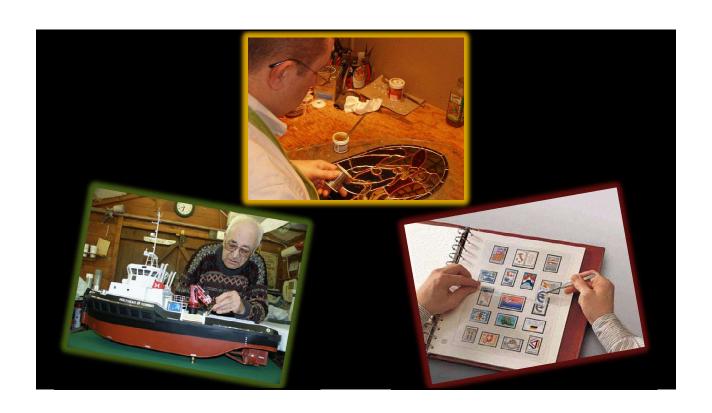




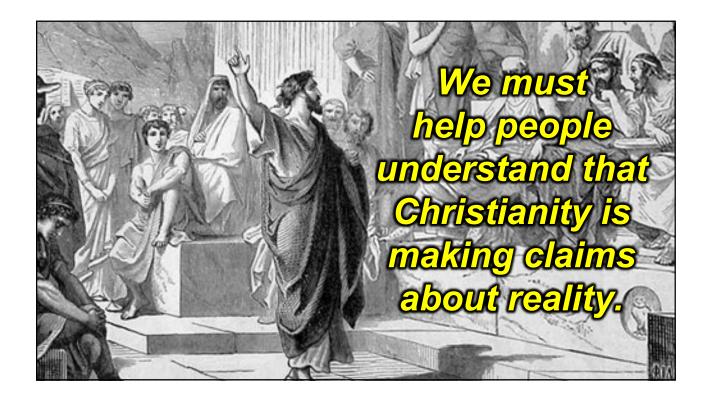


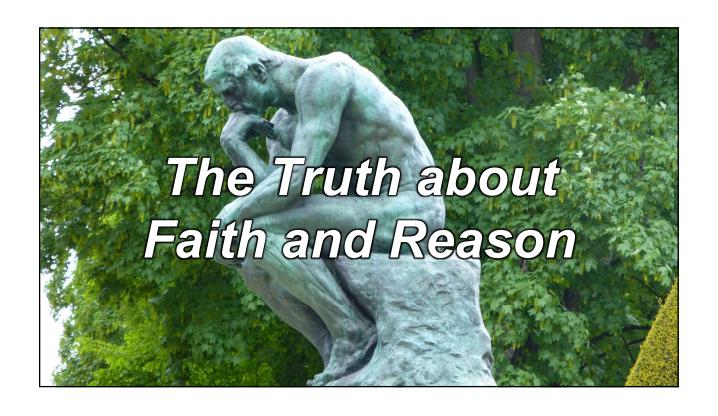














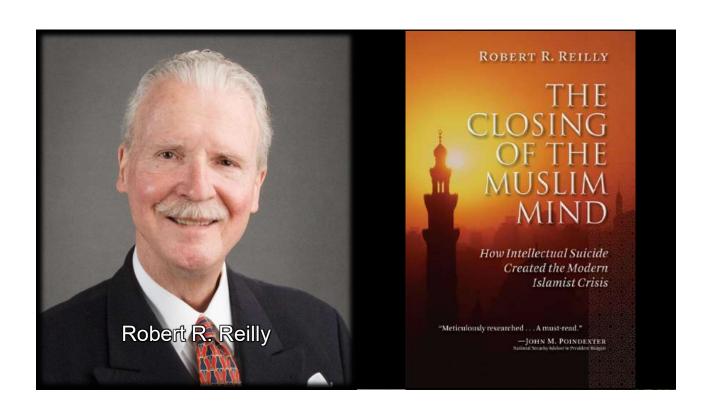
# > Uses of the Term 'Faith' ≪

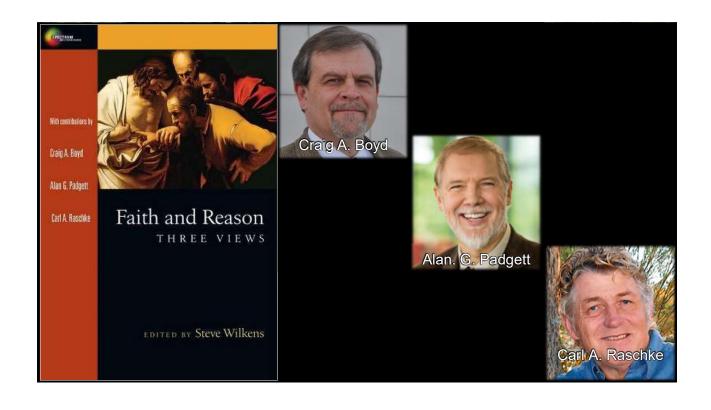
- COMMON: synonymous with the term 'religion', e.g., the Christian faith
- > THEOLOGICAL: theological virtue, "... for by grace are you saved through faith ..." (Eph. 2:8)
- EPISTEMOLOGICAL: relevant to how we come to know reality and hold certain beliefs

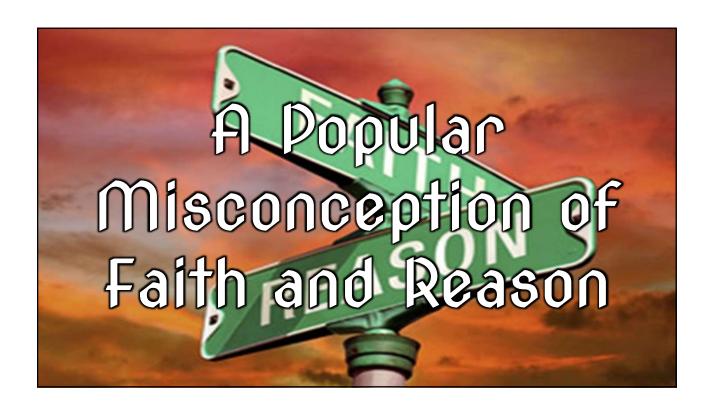
# > Uses of the Term 'Faith' -

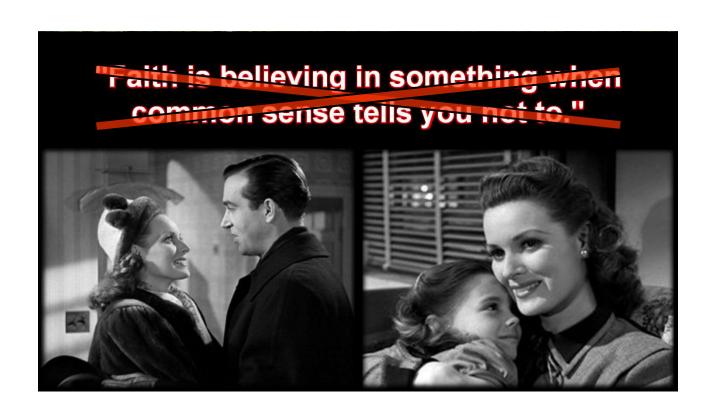
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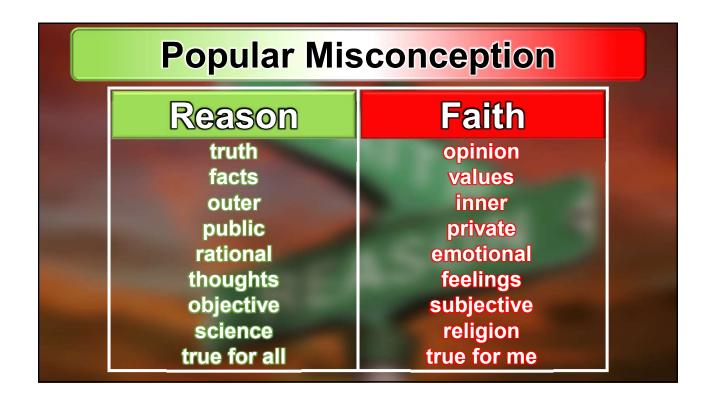


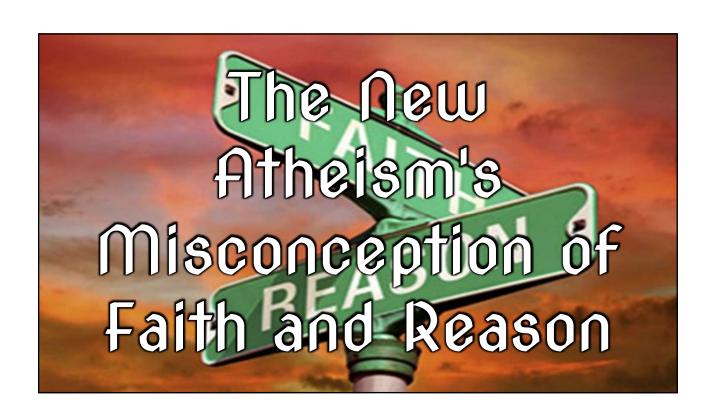
"I really wasn't sure where to turn. Where science offered exciting proofs of its claims, whether it was photos, equations, visible evidence, religion was a lot more demanding. It constantly wanted me to accept everything on faith.

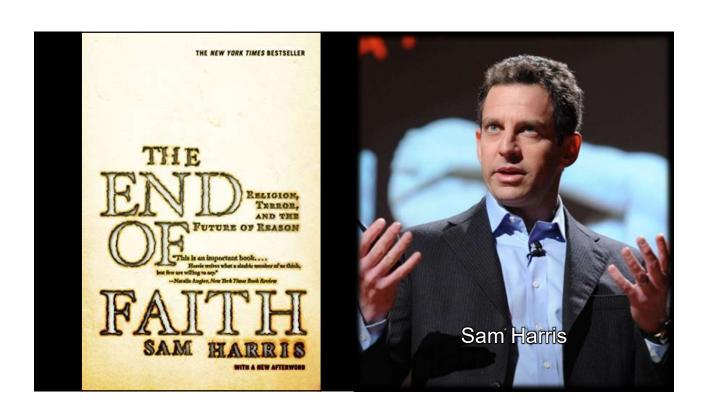
As I'm sure you're aware, faith takes a fair amount of effort."

Dan Brown

"I really wasn't sure where to turn. Where science offered Do we as Christians exciting proof alms, maintain that whether/ as pho Christianity (as a equations sible evic œ, religion) wants religion was a lot m one to "accept demanding. It constant) anted everything on me to accept everything on faith. faith"? As I'm sure you're aware, faith Dan Brown takes a fair amount of effort."







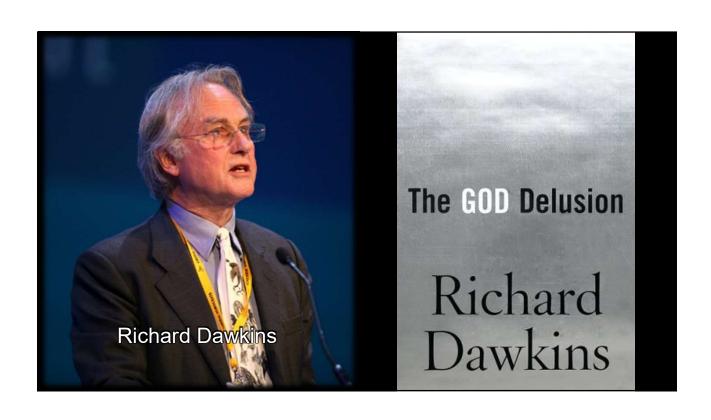
"Religious faith is the belief in historical and metaphysical propositions without sufficient evidence."

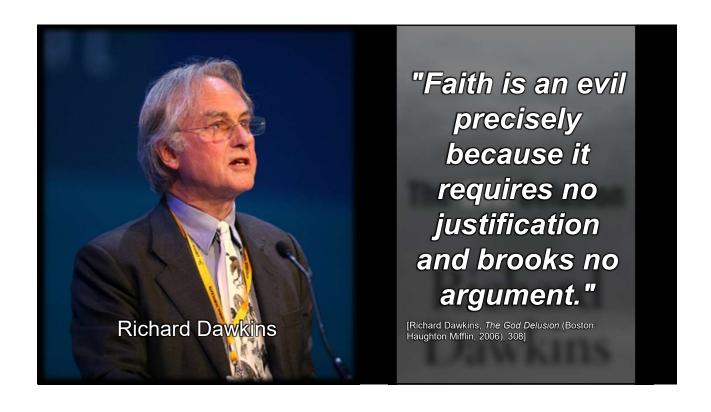
[Sam Harris, The End of Faith: Religion, Terror, and the Future of Reason (New York: W. W. Norton, 2004), 232]

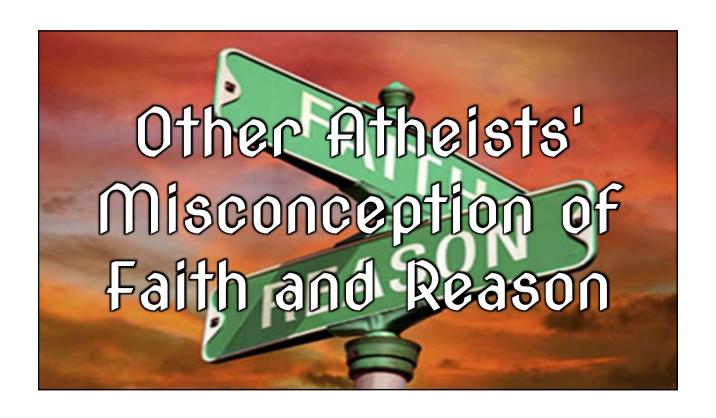


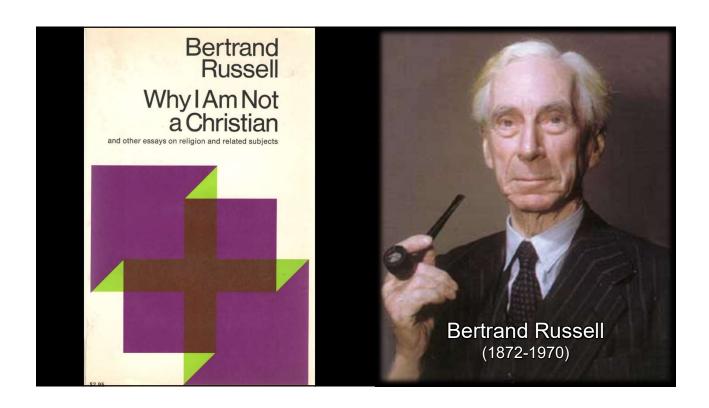
"Faith is the mortar that fills the cracks in the evidence and the gaps in the logic, and thus it is faith that keeps the whole terrible edifice of religious certainty still looming dangerously over our world."







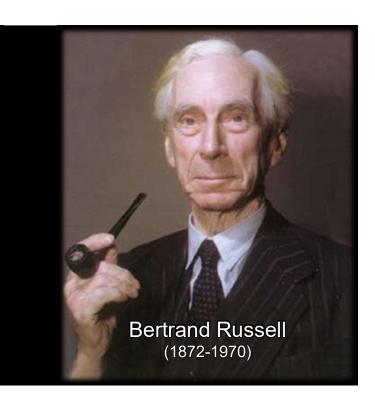


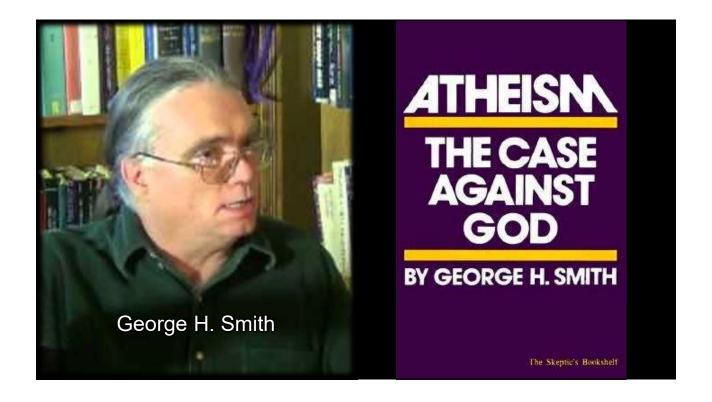


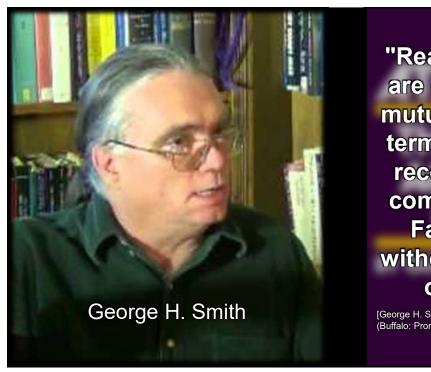
"As regards the kind of belief: it is thought virtuous to have Faith—that is to say, to have a conviction which cannot be shaken by contrary evidence. Or, if contrary evidence might induce doubt, it is held that contrary evidence must be suppressed."

[Bertrand Russell, Why I Am Not a Christian and Other Essays on Religion and Related Subjects, (New York: Simon and Schuster, 1957), from the

preface, p. vi]



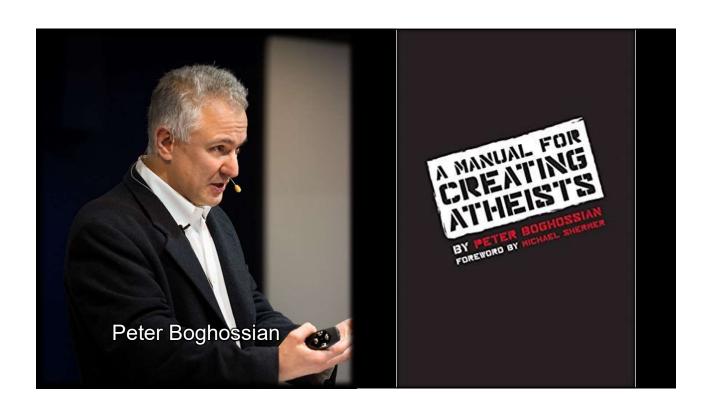


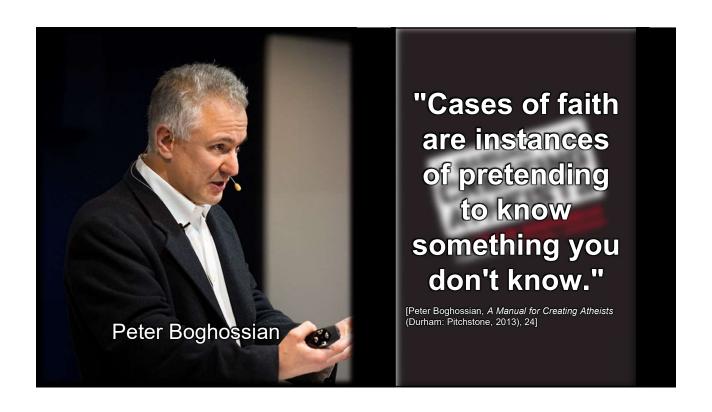


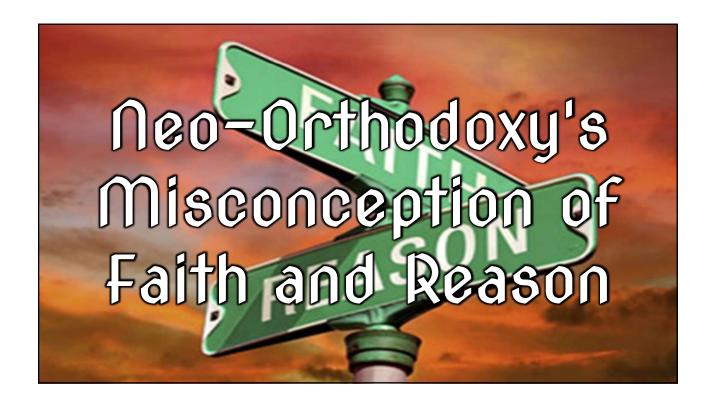
"Reason and faith are opposite, two mutually exclusive terms: there is no reconciliation or common ground.

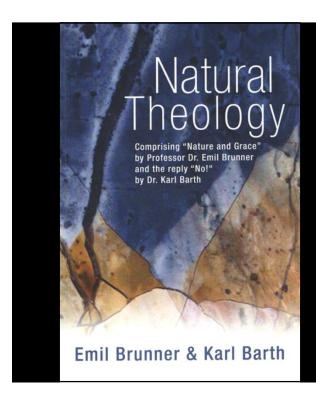
Faith is belief without, or in spite of reason."

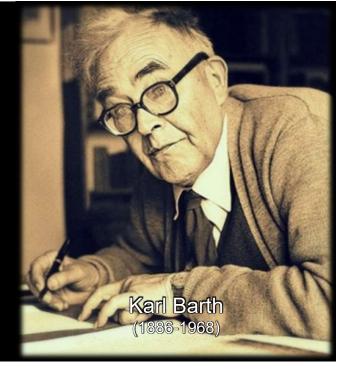
[George H. Smith, *Atheism: The Case Against God* (Buffalo: Prometheus, 1979), 98]









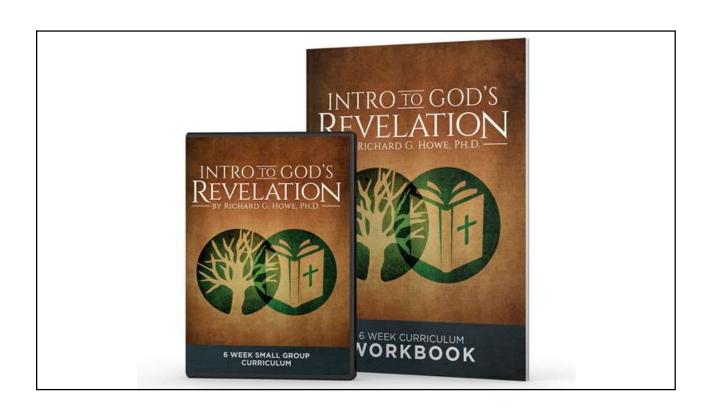


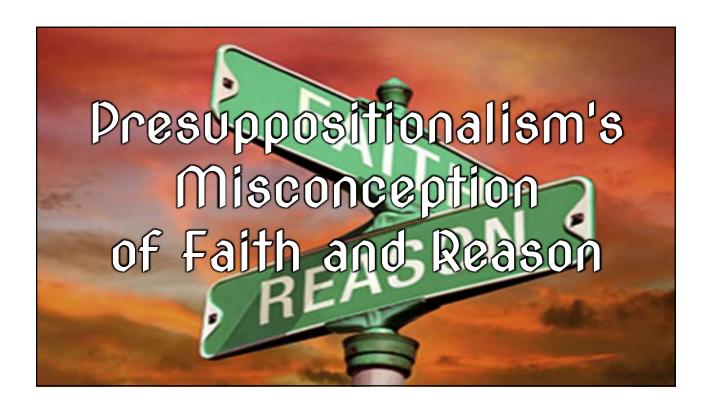
If one occupies oneself with real theology one can pass by so-called natural theology only as one would pass by an abyss into which it is inadvisable to step if one does not want to fall. All one can do is to turn one's back upon it as upon the great temptation and source or error, by having nothing to do with it ... "

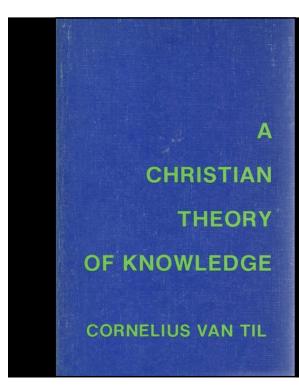
[Karl Barth, "No!" trans. Peter Fraenkel, in Natural Theology: Comprising "Nature and Grace" by Professor Dr. Emil Brunner and the Reply "No!" by Dr. Karl Barth (Eugene: Wipf and Stock: 2002), 75] Natural Theology arises from God's General Revelation.

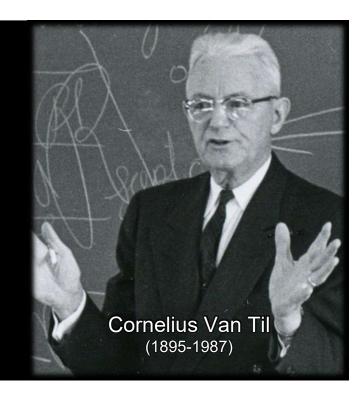
General Revelation: God's revelation of His existence and certain attributes to mankind through His creation.

Special Revelation: God's revelation of Himself through His prophets and apostles and ultimate through His taking on human nature in the Incarnation in Jesus Christ.



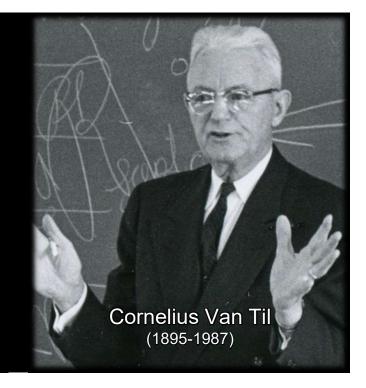


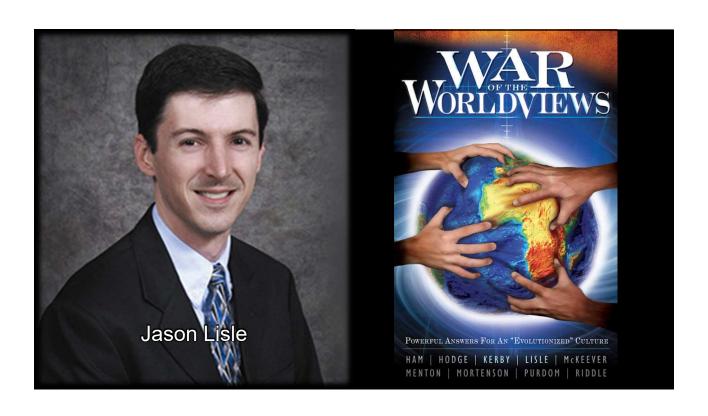


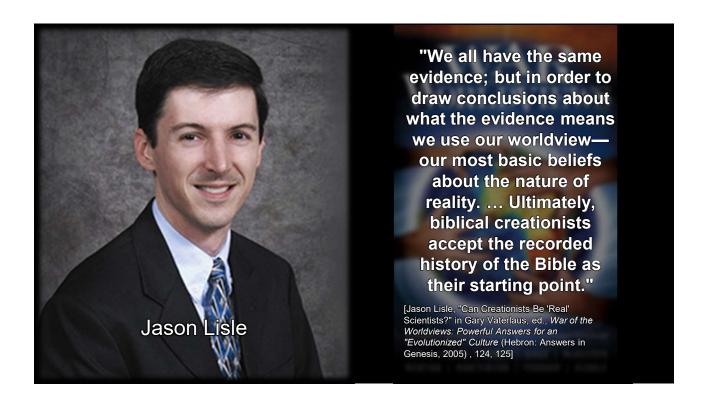


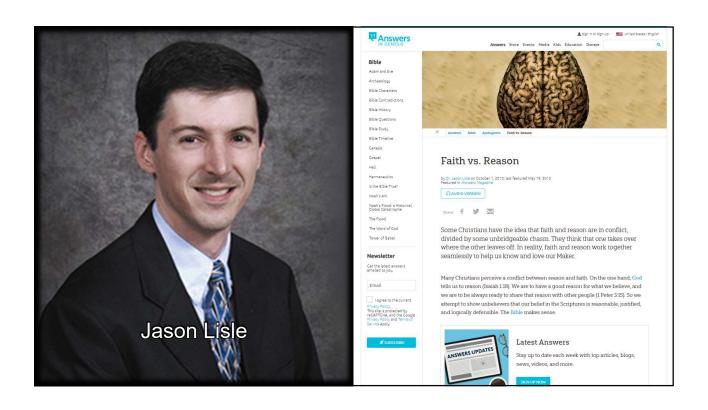
"Reason and fact cannot be brought into fruitful union with one another except upon the presupposition of the existence of God and his control over the universe."

[Cornelius Van Til, *A Christian Theory of Knowledge* (Phillipsburg: Presbyterian and Reformed Publishing, 1975), 18]

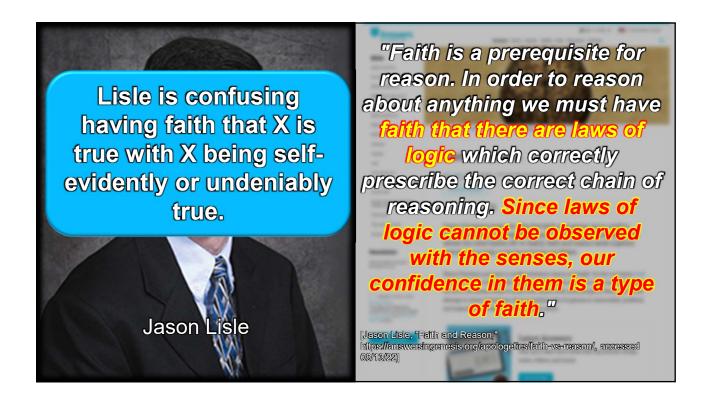


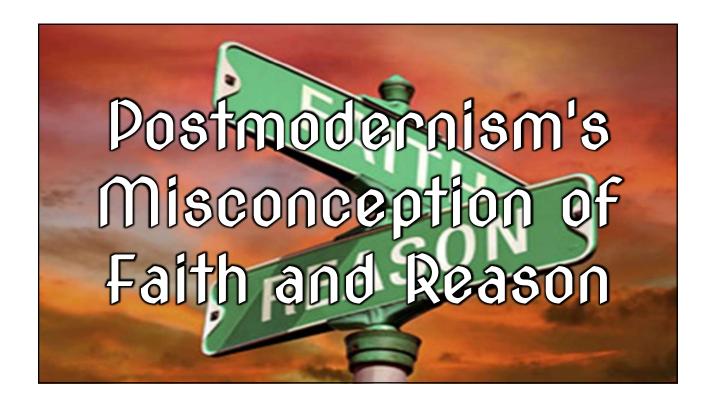


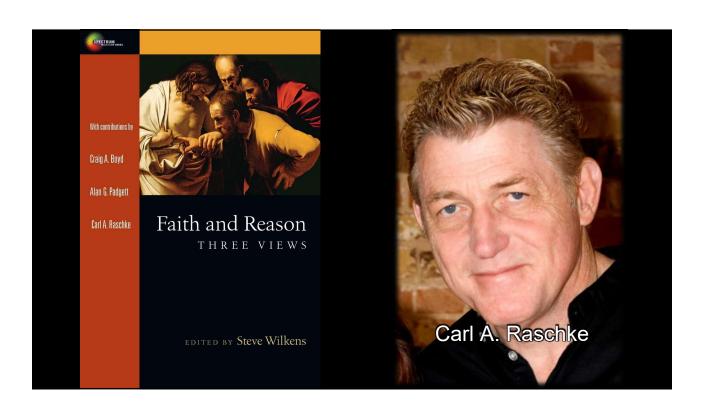


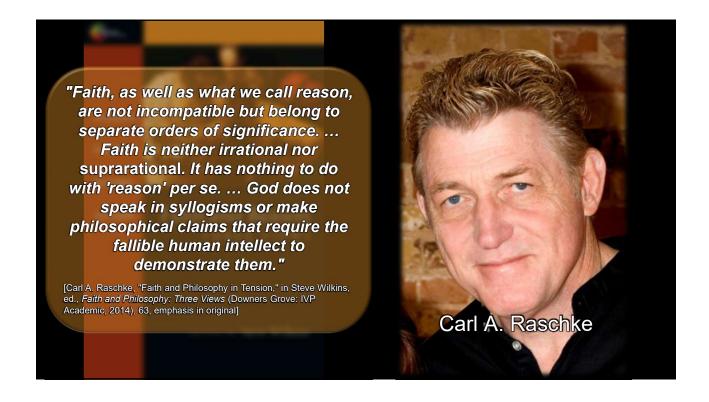


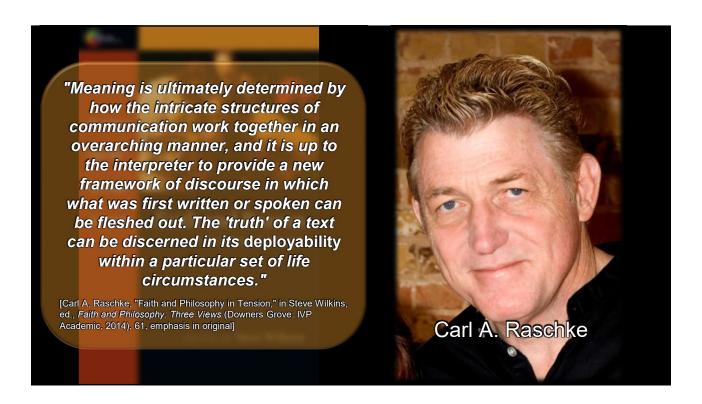


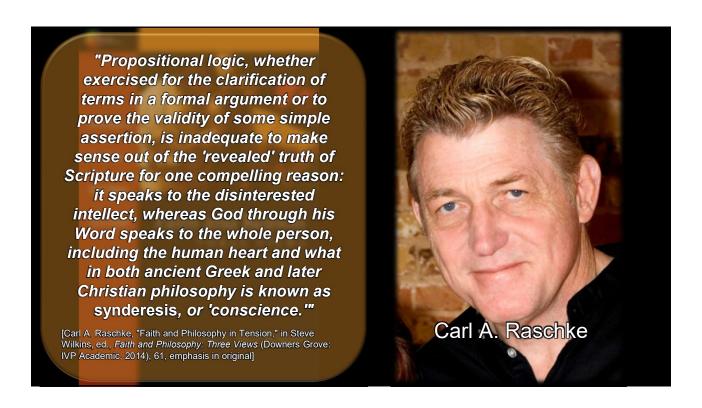


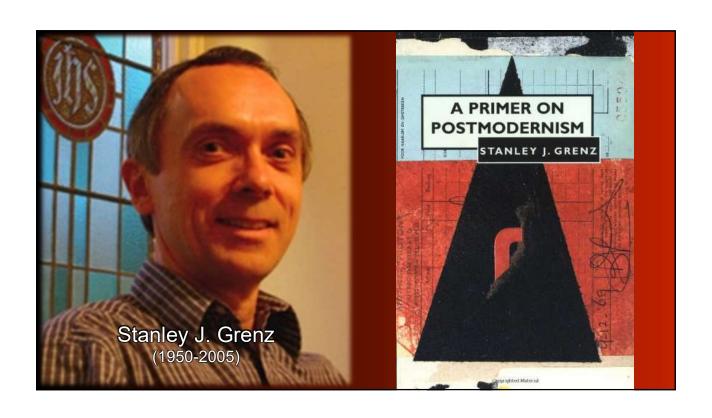


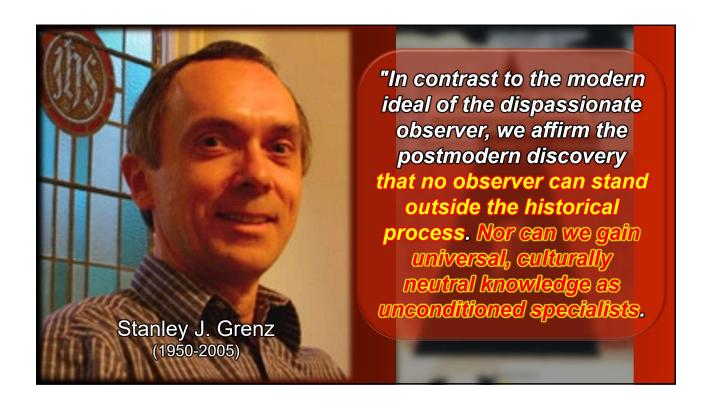












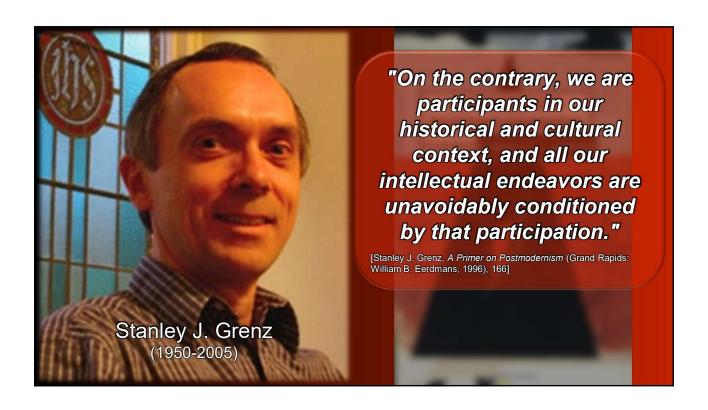


If what Grenz says is true, then his own statement itself does not come from an observer who stands "outside the historical process" and, thus, the statement is not itself "neutral knowledge" coming from an "unconditioned specialist.'

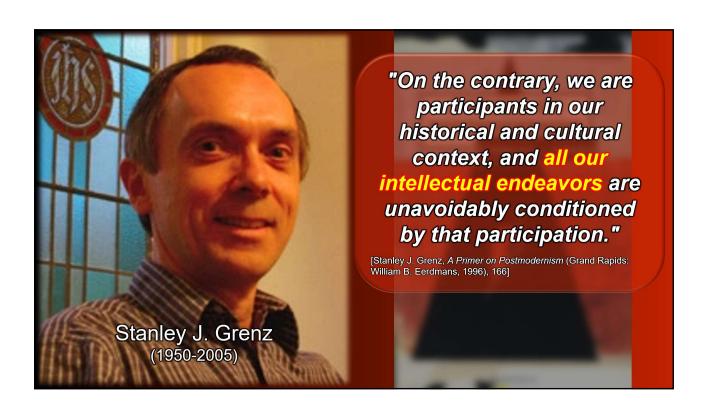


If what Grenz says is true, then his own statement itself does not come from an observer who stands "outside the historical process" and, thus, the statement is not itself "neutral knowledge" coming from an "unconditioned specialist.'

Since this is the case, why should we believe that it is objectively true?











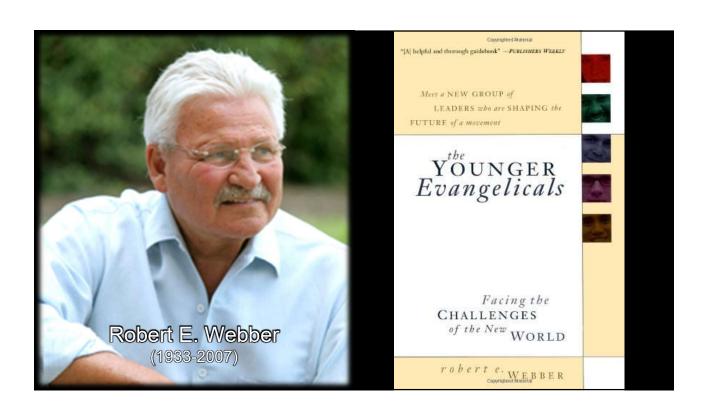
"Postmodernism stresses the distinction between objectivity of facts, versus objectivity of knowledge or people. It accepts the possible existence of facts outside human context, but argues that all knowledge is mediated by an individual and that the experiences, biases, beliefs, and identity of that individual necessarily influence how they mediate any knowledge."

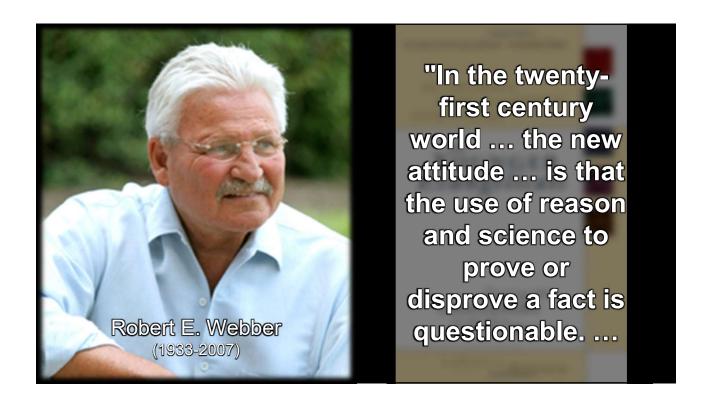
[Dan McGee, "Truth and Postmodernism" downloaded from https://medium.com/@danmcgee/truth-and-postmodernism-816ea9b3007a, 05/09/22]

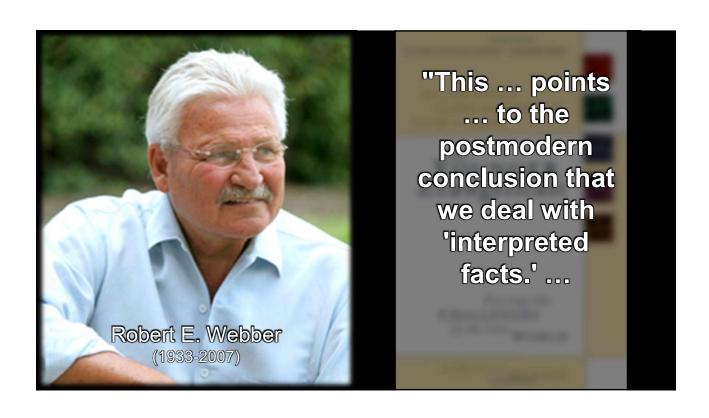


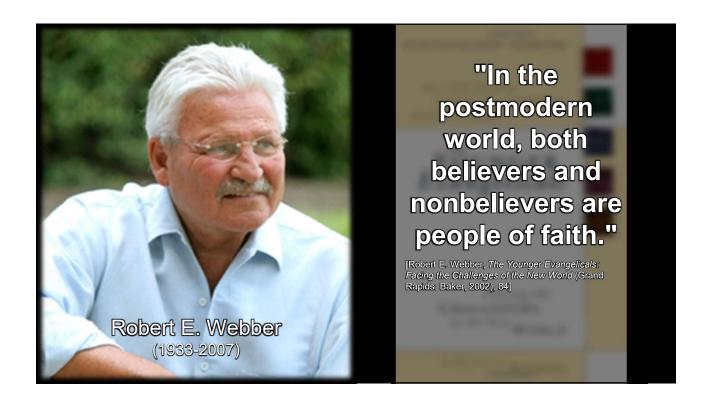
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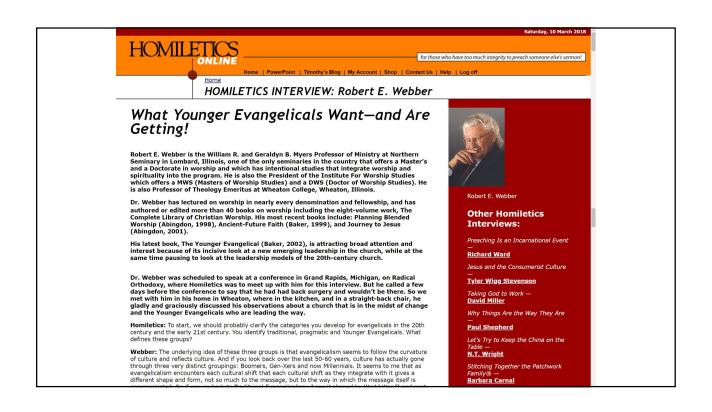
[Dan McGee, "Truth and Postmodernism" downloaded from https://medium.com/@danmcgee/truth-and-postmodernism-816ea9b3007a, 05/09/22]

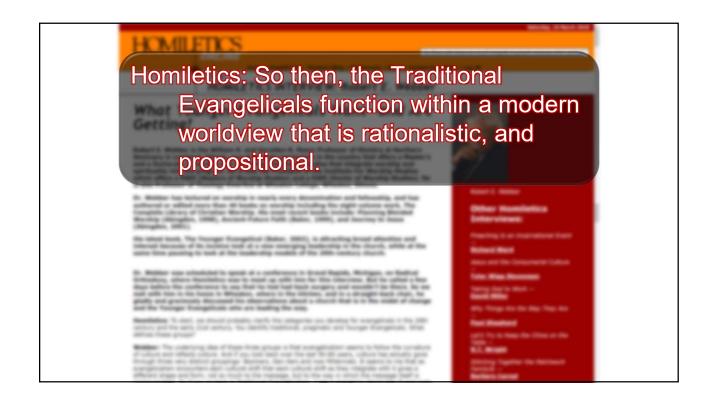








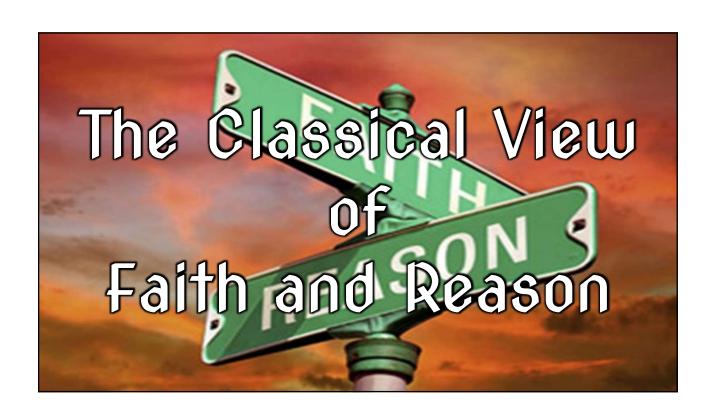


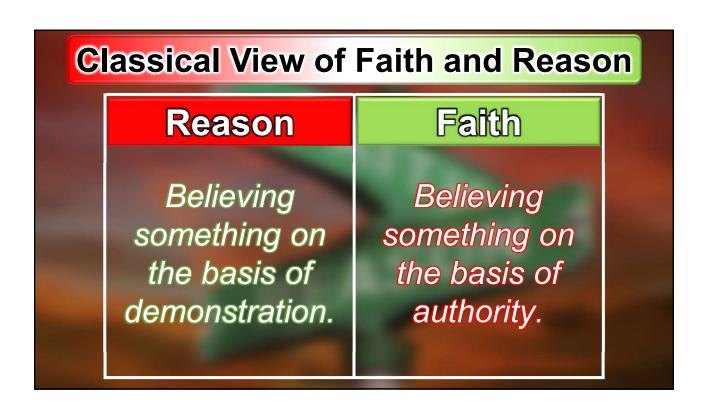


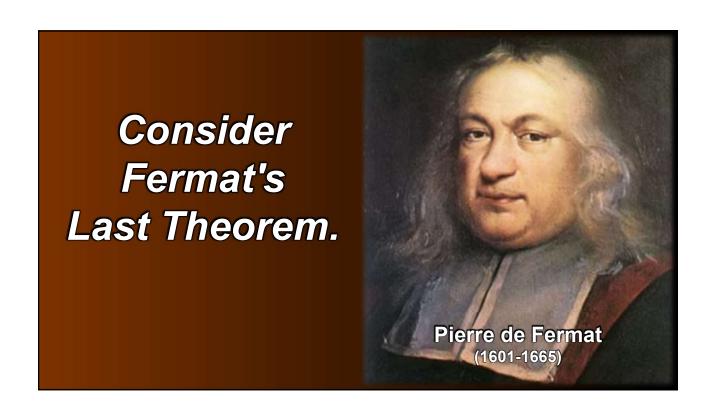
Webber: "That probably is the most distinguishing feature of the Traditionalists. They've been shaped by the Enlightenment. So they work with modern philosophy, a modern understanding of science, history, sociology. They're modernist, and so they interpret the Christian faith through these modern categories.

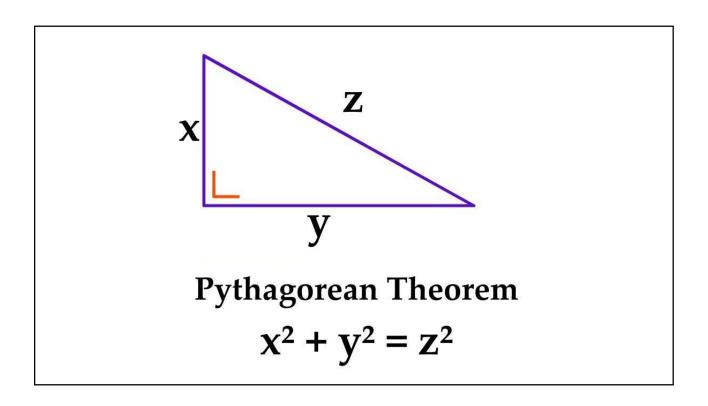
Webber: "And what's very interesting about Traditional Evangelicals is that the categories through which they interpret the Christian faith are almost regarded as sacred, almost as sacred as the Christian faith itself. So if you say, 'Well, I don't believe in evidential apologetics,' there's something wrong with you."

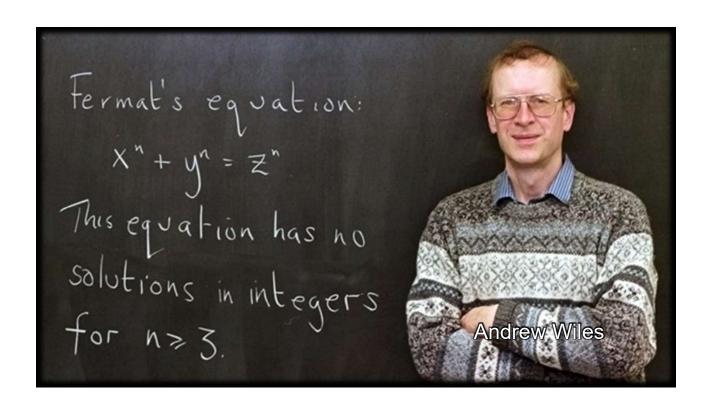
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Annals of Mathematics, 142 (1995), 443–551

### Modular elliptic curves and Fermat's Last Theorem

By Andrew Wiles\*

For Nada, Clare, Kate and Olivia

Cubum autem in duos cubos, aut quadratoquadratum in duos quadratoquadratos, et generaliter nullam in infinitum ultra quadratum potestatem in duos ejusdem nominis fas est dividere: cujus rei demonstrationem mirabilem sane detexi. Hanc marginis exiguitas non caperet.

Pierre de Fermat

## Introduction

An elliptic curve over  ${\bf Q}$  is said to be modular if it has a finite covering by a modular curve of the form  $X_0(N)$ . Any such elliptic curve has the property that its Hasse-Weil zeta function has an analytic continuation and satisfies a functional equation of the standard type. If an elliptic curve over  ${\bf Q}$  with a given j-invariant is modular then it is easy to see that all elliptic curves with the same j-invariant are modular (in which case we say that the j-invariant is modular). A well-known conjecture which grew out of the work of Shimura and Taniyama in the 1950's and 1960's asserts that every elliptic curve over  ${\bf Q}$  is modular. However, it only became widely known through its publication in a paper of Weil in 1967 [We] (as an exercise for the interested reader!), in which, moreover, Weil gave conceptual evidence for the conjecture. Although it had been numerically verified in many cases, prior to the results described in this paper it had only been known that finitely many j-invariants were modular.

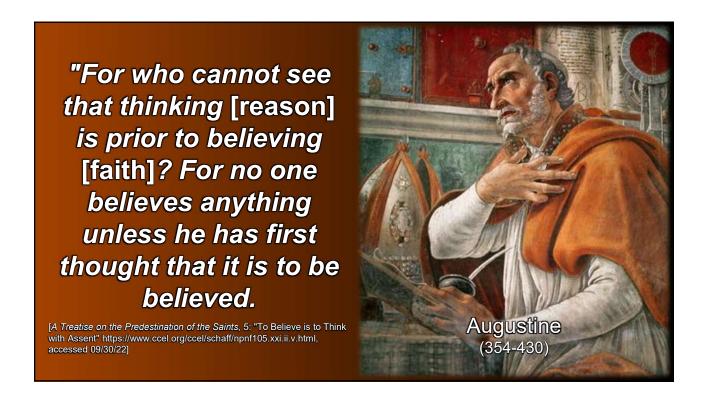
paper it had only open known data innery many f-maranian were modular.

In 1985 Frey made the remarkable observation that this conjecture should imply Fermat's Last Theorem. The precise mechanism relating the two was formulated by Serre as the e-conjecture and this was then proved by Ribet in the summer of 1986. Ribet's result only requires one to prove the conjecture for semistable elliptic curves in order to deduce Fermat's Last Theorem.



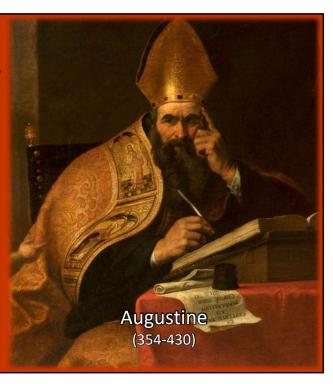
<sup>\*</sup>The work on this paper was supported by an NSF grant.

# Classical View of Faith and Reason Reason Faith Believing something on the basis of demonstration. Believing something on the basis of Divine authority.

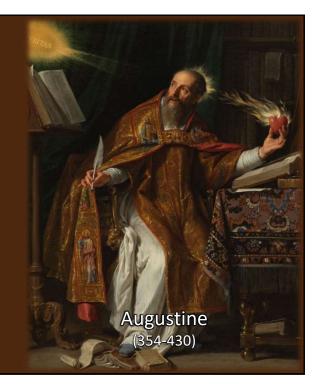


"Heaven forbid, after all, that God should hate in us that by which he made us more excellent that the other animals. Heaven forbid, I say, that we should believe in such a way that we do not accept or seek a rational account, since we could not even believe if we did not have rational souls."

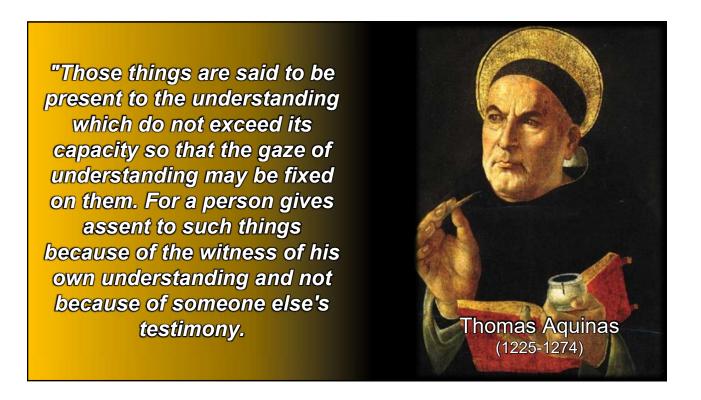
[Letter 120, in *Letters 100-155* (Vol. II/2), trans. Roland Teske (Hyde Park: New City Press), p. 131]

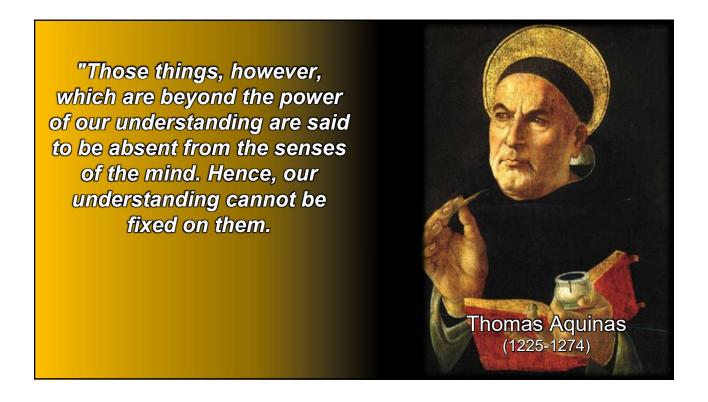


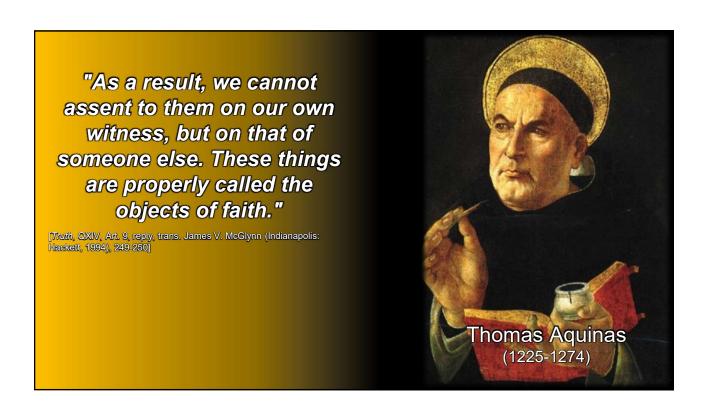
"In certain matters, therefore, pertaining to the teaching of salvation, which we cannot grasp by reason, but which we will be able to at some point, faith precedes reason so that the heart may be purified in order that it may receive and sustain the light of the great reason, which is, of course, a demand of reason!"

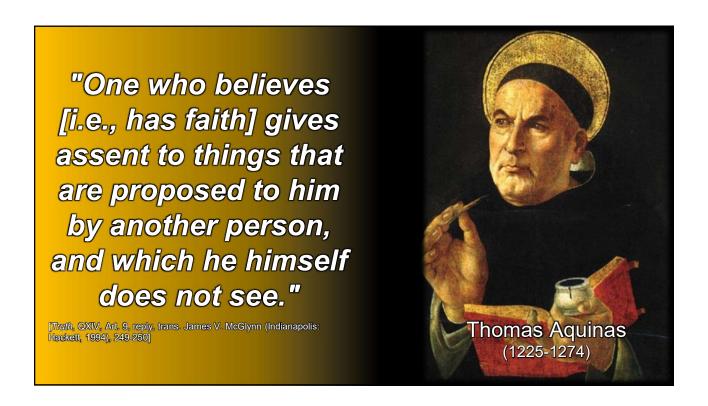


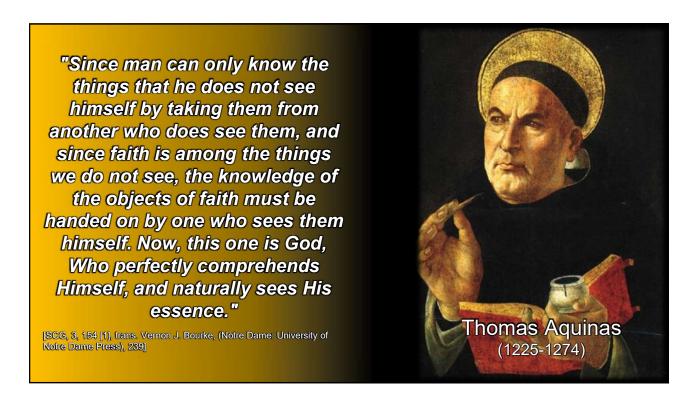
[Letter 120, Teske, p. 131]

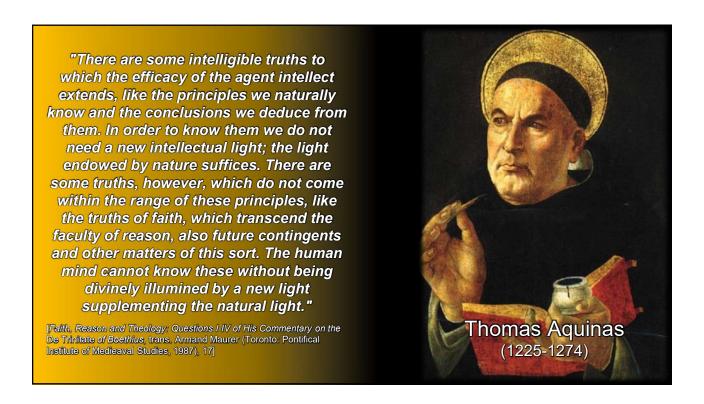


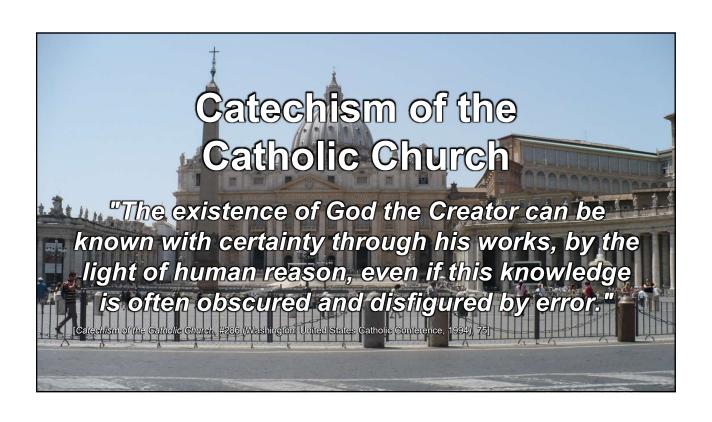




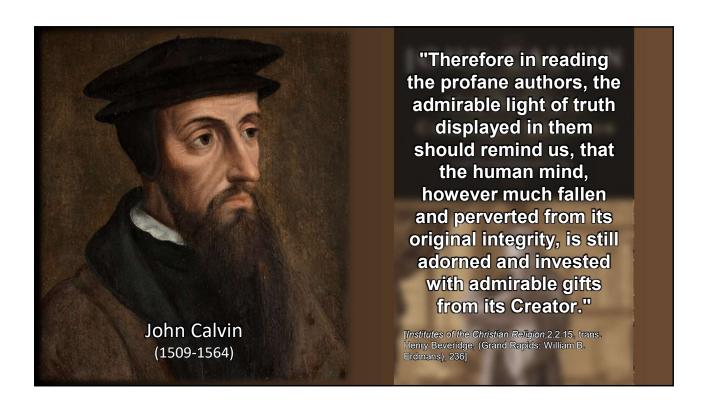


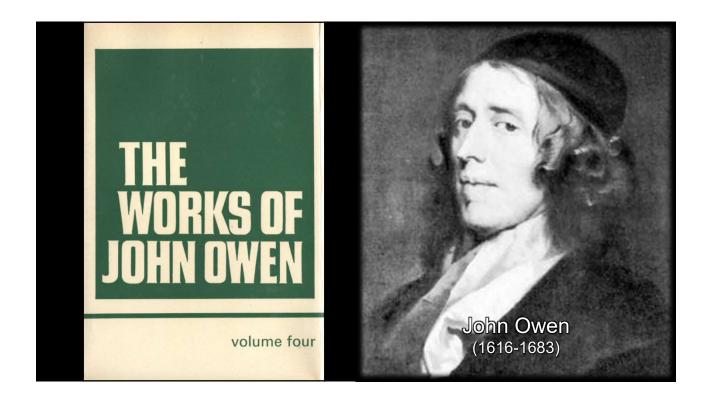










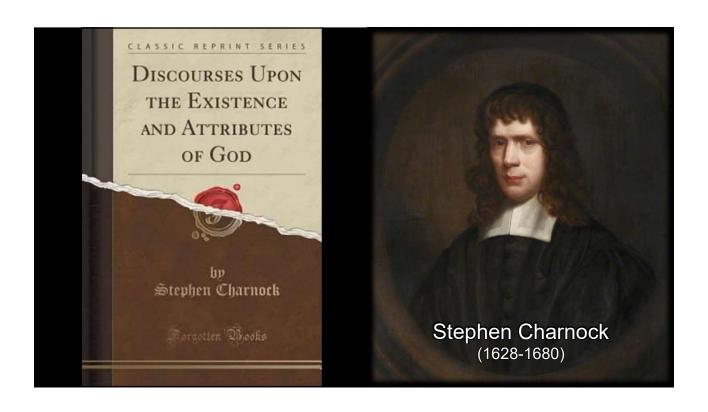


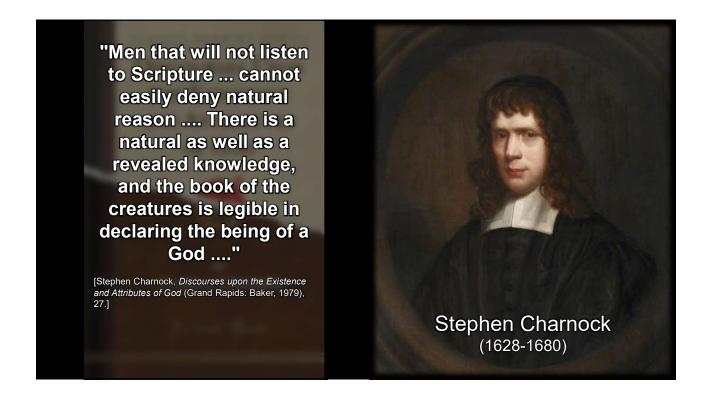
"There are sundry cogent arguments, which are taken from external considerations of the Scripture, that evince it on rational grounds to be from God. ... and ... are... necessary unto the confirmation of our faith herein against temptations, oppositions, and objections."

[John Owen, "The Reason of Faith," in The Works of John Owen, vol. 4, (Edinburgh: The Banner of Truth Trust, 1967), 20]





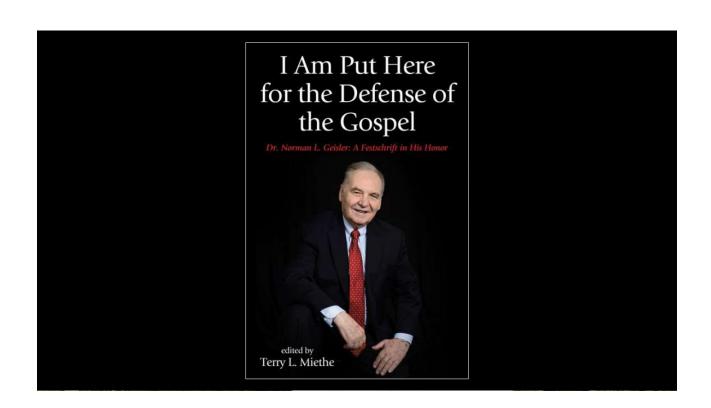




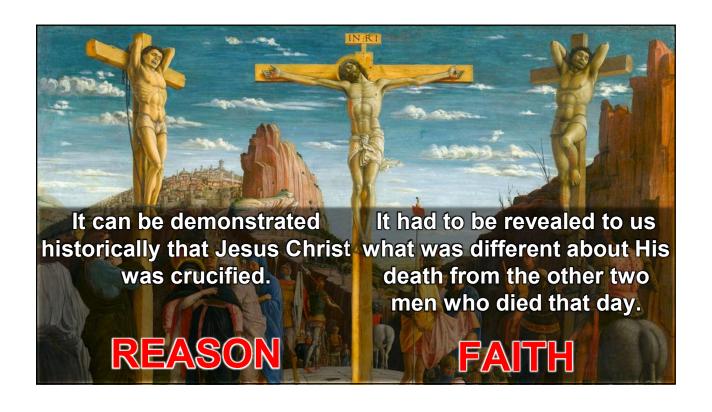
"God in regard of his existence is not only the discovery of faith, but of reason. God hath revealed not only his being, but some sparks of his eternal power and godhead in his works, as well as in his word. ... It is a discovery of our reason ... and an object of our faith ... it is an article of our reason."

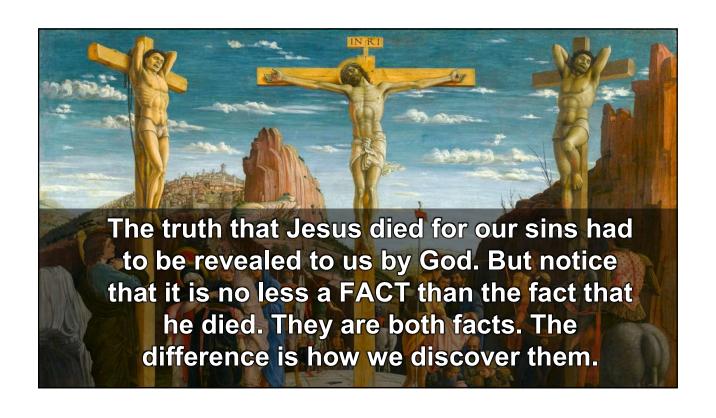
[Stephen Charnock, *Discourses upon the Existence and Attributes of God* (Grand Rapids: Baker, 1979), 27.]

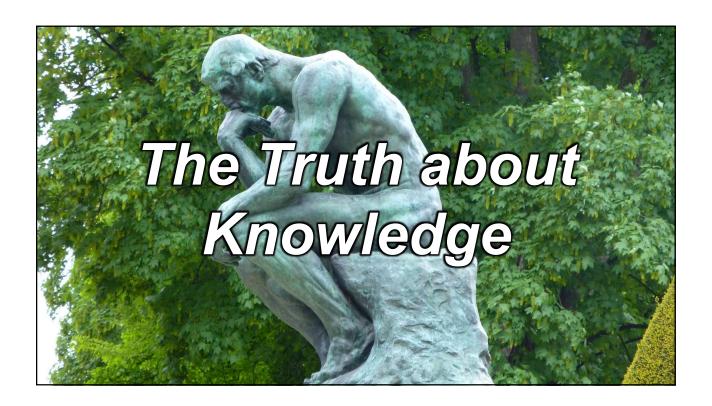


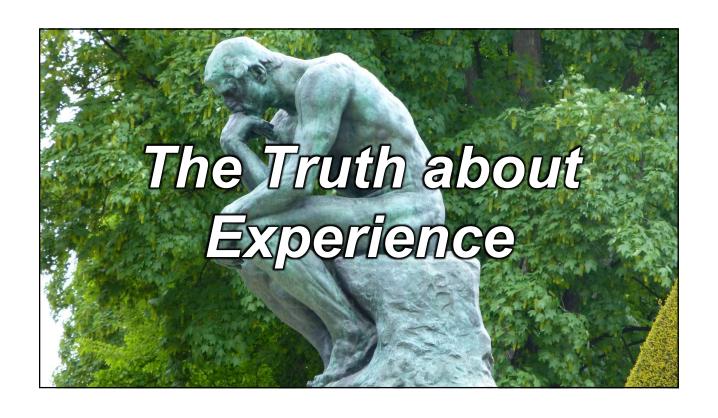








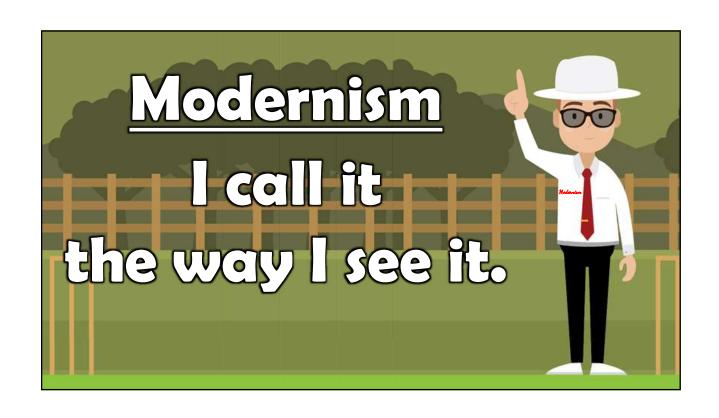


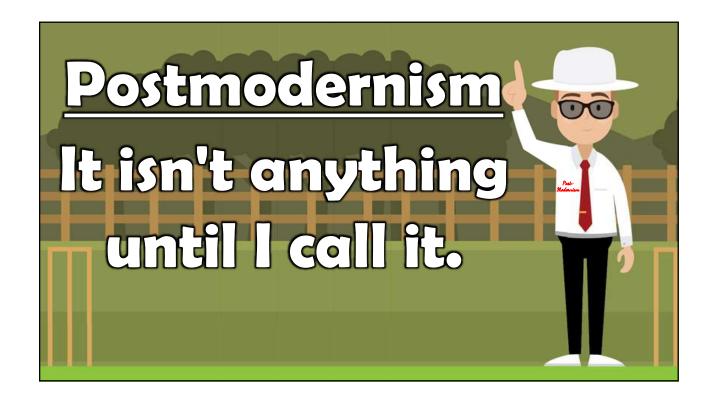




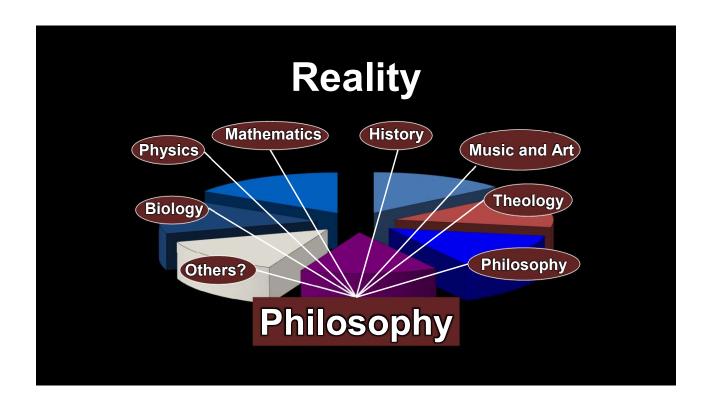
Not only is truth that which corresponds to reality, but we are able to know the truth about reality.







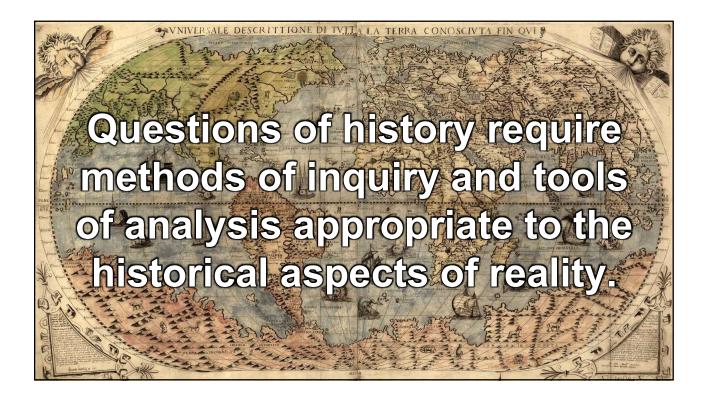
In many instances, the test for truth will differ according to the kind of thing about which the statement is made.

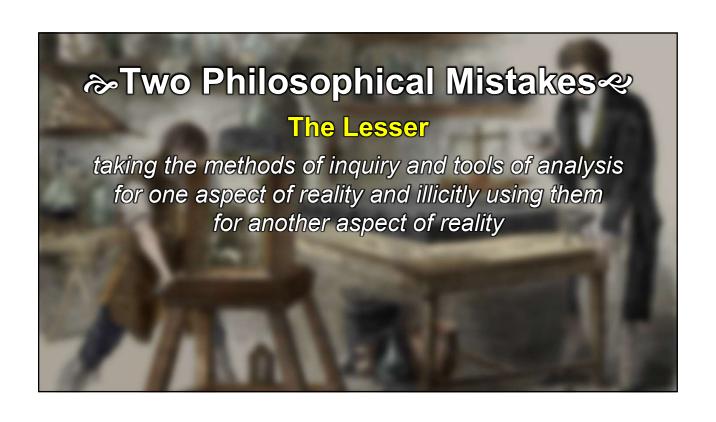


Different aspects of reality require different methods of inquiry and tools of analysis.

Questions of mathematics require methods of inquiry and tools of analysis appropriate to the mathematical aspects of reality.

Questions of natural science require methods of inquiry and tools of analysis appropriate to the physical aspects of reality.

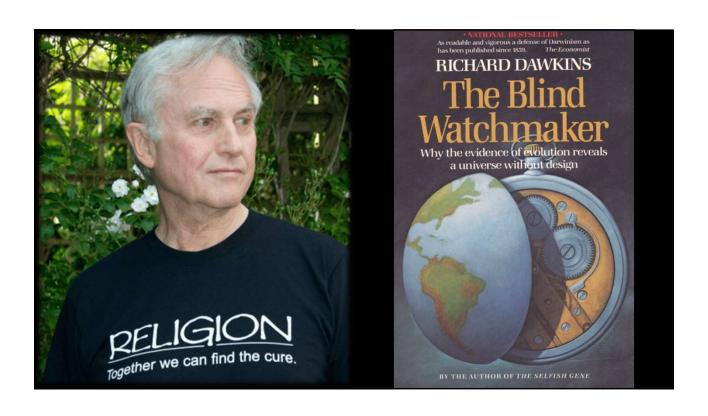


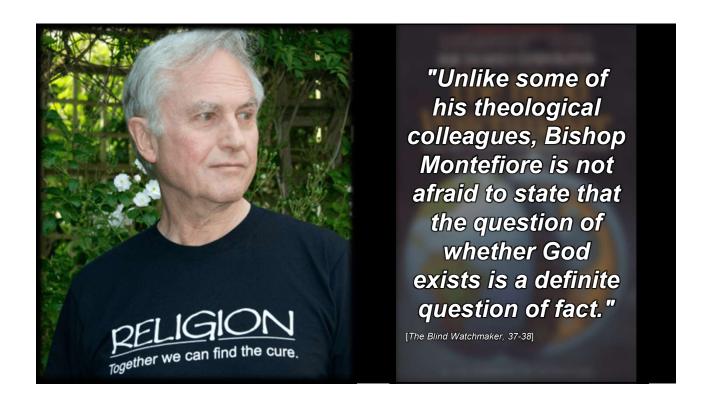


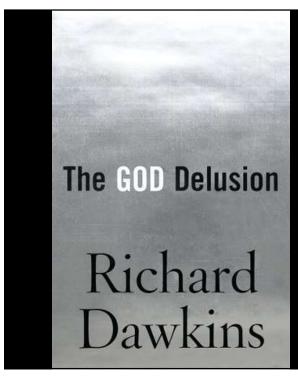


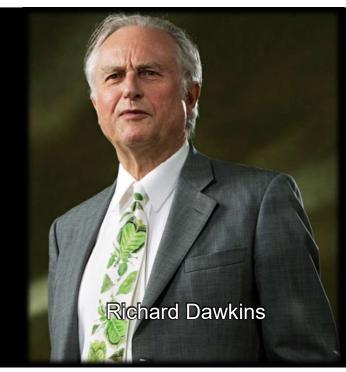
# Two Philosophical Mistakes The Lesser taking the methods of inquiry and tools of analysis for one aspect of reality and illicitly using them for another aspect of reality The Greater taking the methods of inquiry and tools of analysis for one aspect of reality and illicitly using for reality as a whole



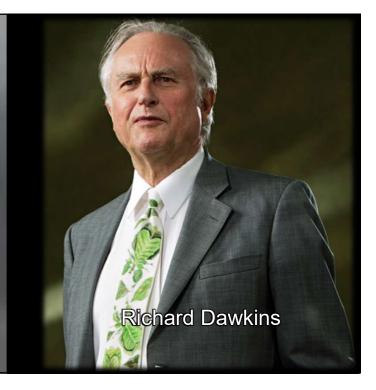








"The presence or absence of a creative super-intelligence is unequivocally a scientific question, even if it is not in practice—or not yet—a decided one."

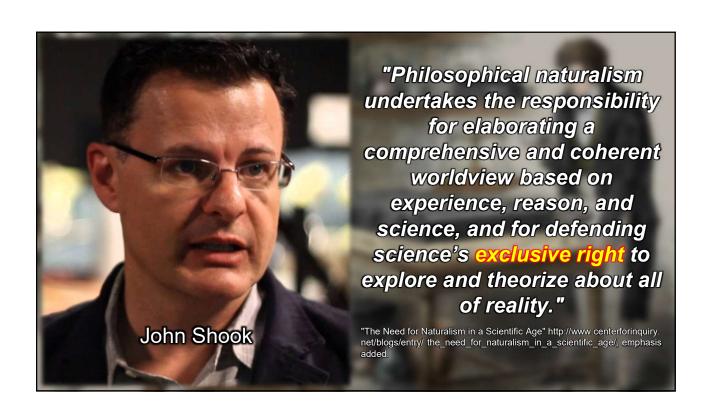


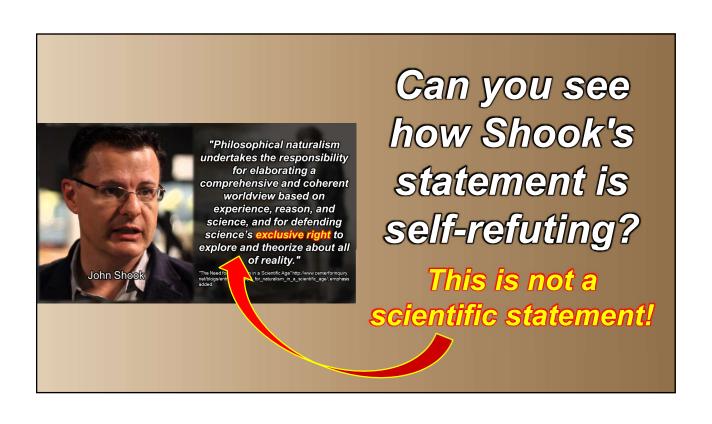
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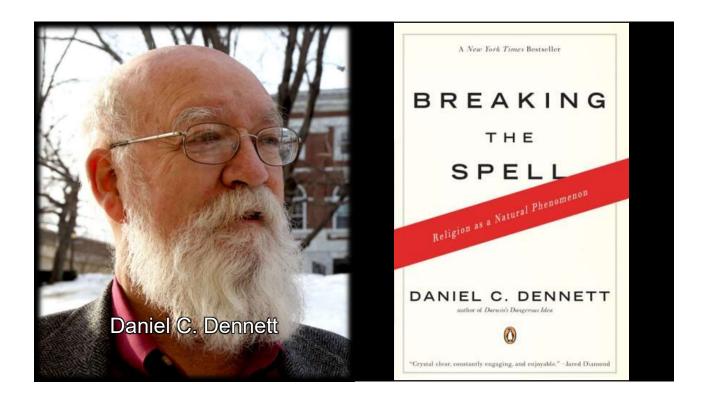
[The God Delusion, 58-59]

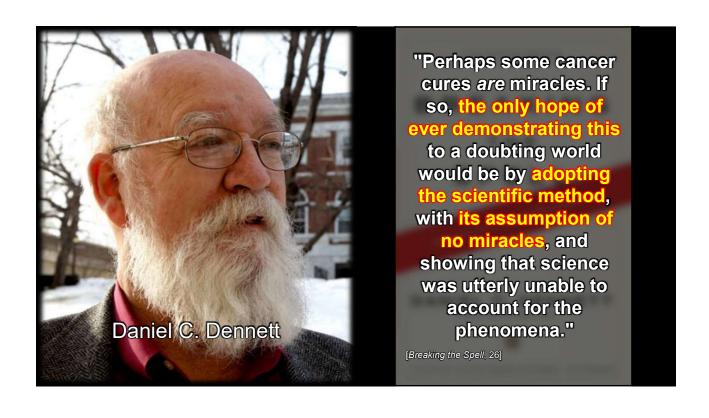
"Unlike some of his theological colleagues, Bishop Montefiore is not afraid to state that the question of whether God exists is a definite question of fact."

[The Blind Watchmaker, 37-38]

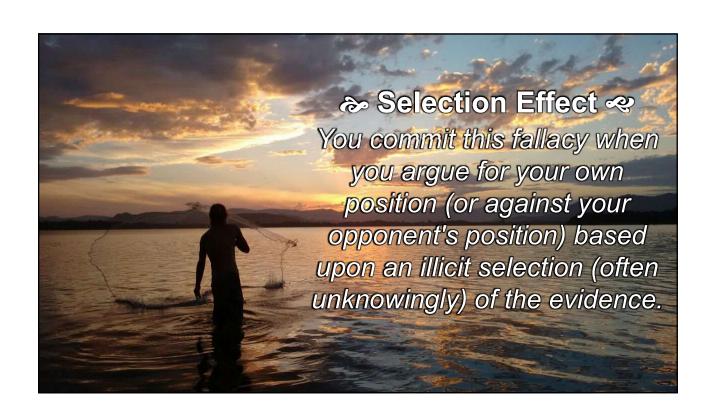


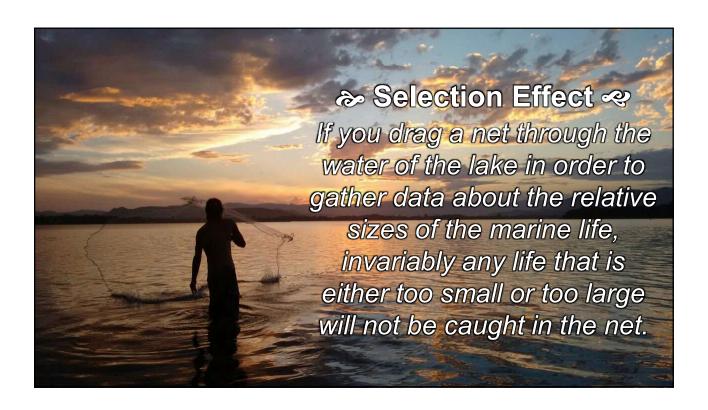


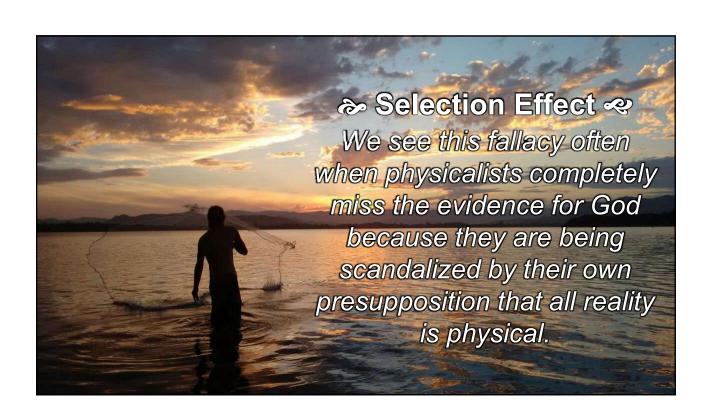


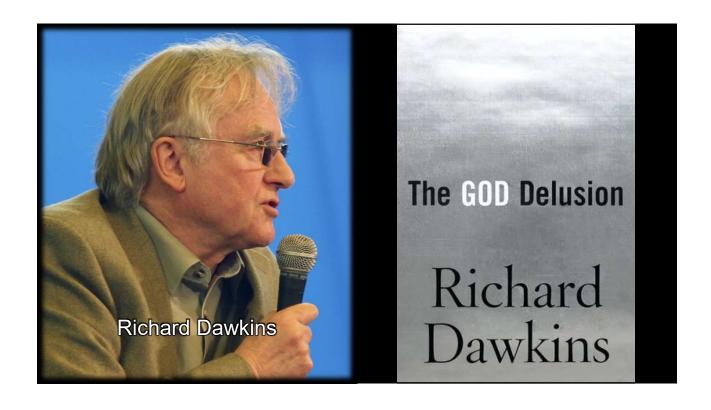


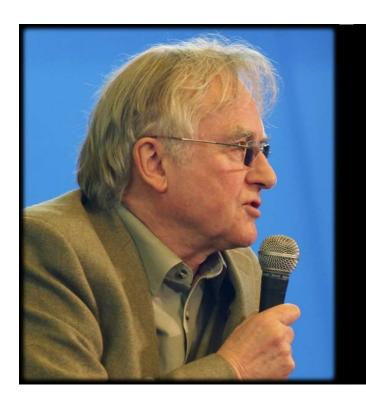






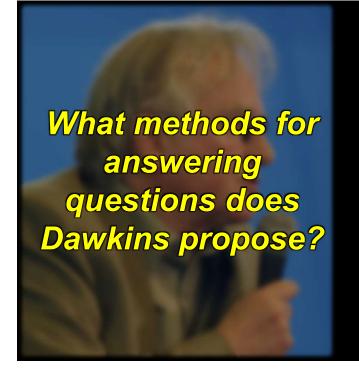






"There is an answer to every such question [about miracles], whether or not we can discover it in practice, and it is a strictly scientific answer. The methods we should use to settle the matter, in the unlikely event that relevant evidence ever became available, would be purely and entirely scientific methods."

[Richard Dawkins, The God Delusion, 59.]



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[Richard Dawkins, The God Delusion, 59.]

According to
Dawkins, should
scientific methods
be used only for
certain kinds of
questions or for
every kind of
question?

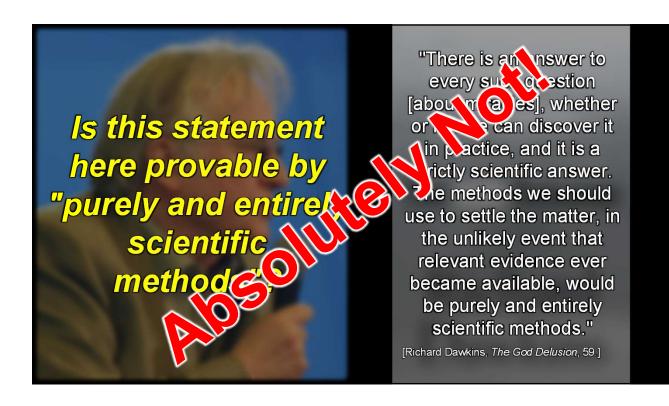
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[Richard Dawkins, The God Delusion, 59.]

Is this statement here provable by "purely and entirely scientific methods"?

"There is an answer to every such question [about miracles], whether or not we can discover it in practice, and it is a strictly scientific answer. The methods we should use to settle the matter, in the unlikely event that relevant evidence ever became available, would be purely and entirely scientific methods."

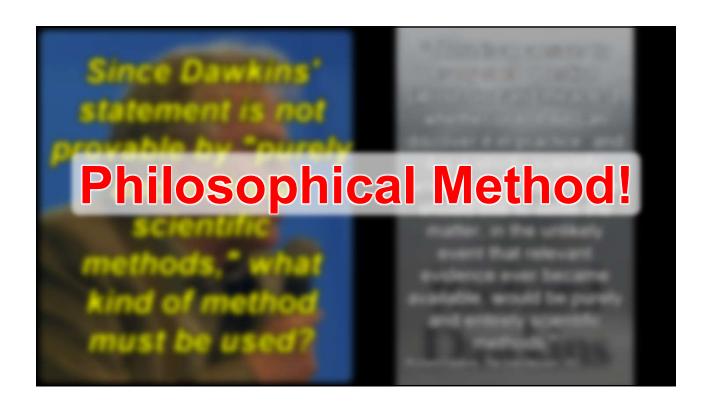
[Richard Dawkins. The God Delusion, 59.]

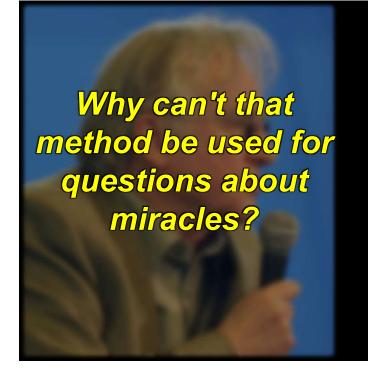


Since Dawkins'
statement is not
provable by "purely
and entirely
scientific
methods," what
kind of method
must be used?

"There is an answer to every such question [about God and miracles], whether or not we can discover it in practice, and it is a strictly scientific answer. The methods we should use to settle the matter, in the unlikely event that relevant evidence ever became available, would be purely and entirely scientific methods."

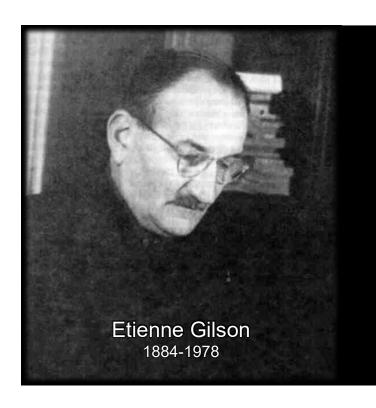
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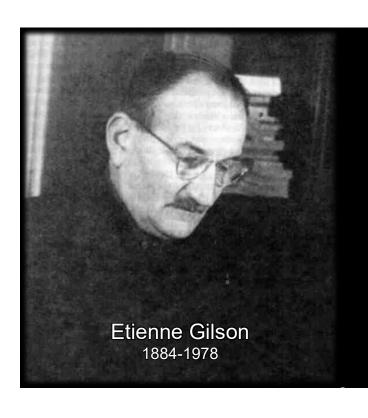
[Richard Dawkins. The God Delusion. 59.1



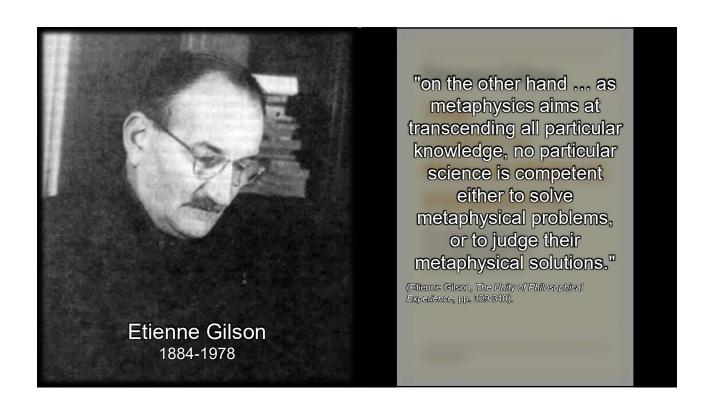
# Etienne Gilson THE UNITY OF PHILOSOPHICAL EXPERIENCE

The Medieval Experiment The Cartesian Experiment The Modern Experiment

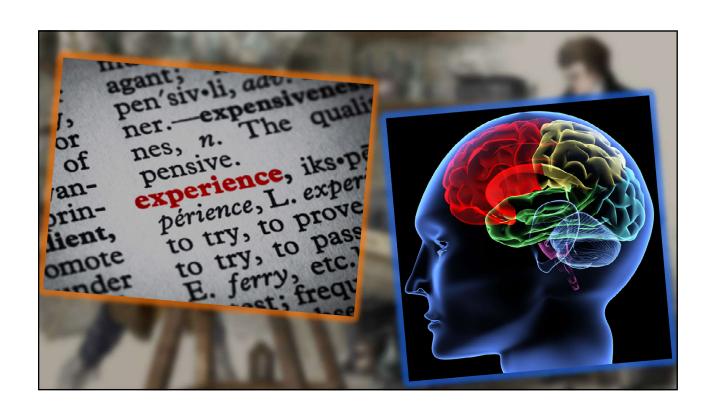
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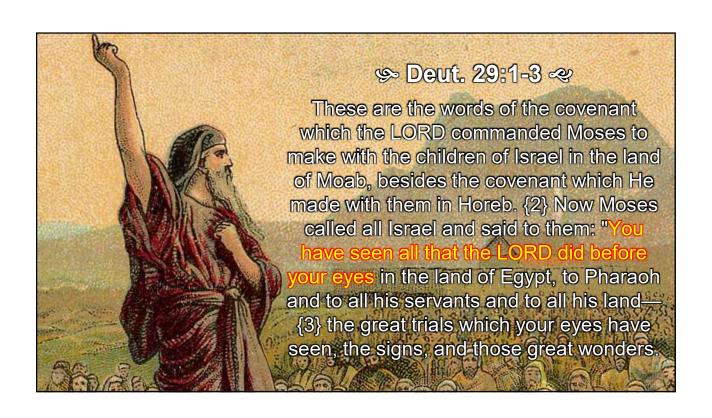
"Metaphysical adventures are doomed to fail when their authors substitute the fundamental concepts of any particular science for those of metaphysics. Theology, logic, physics, biology, psychology, sociology, economics are fully competent to solve their own problems by their own methods;

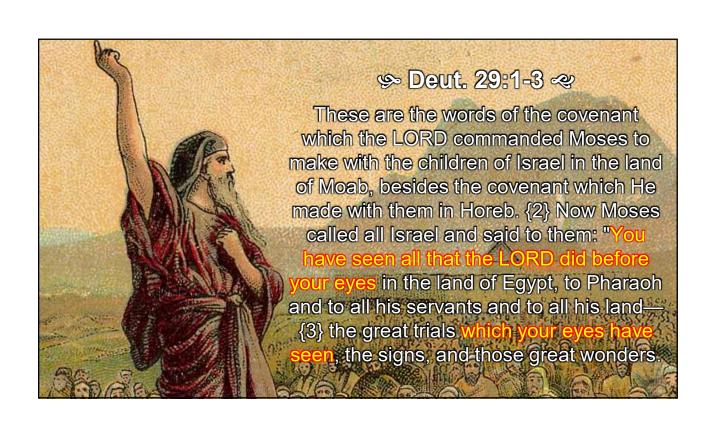








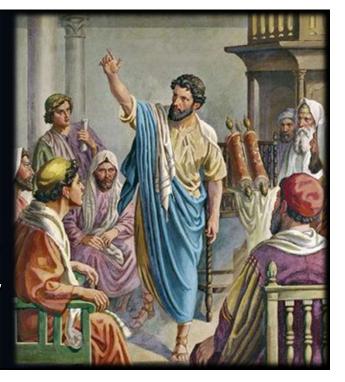




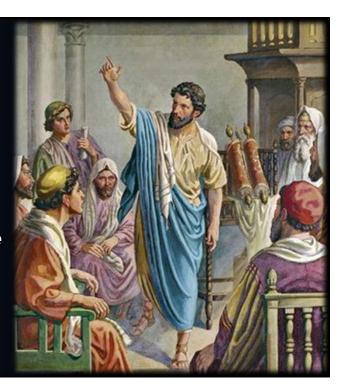
"Inasmuch as many have taken in hand to set in order a narrative of those things which have been fulfilled among us, just as those who from the beginning were eyewitnesses and ministers of the word delivered them to us, it seemed good to me also, having had perfect understanding of all things from the very first, to write to you an orderly account, most excellent Theophilus, that you may know the certainty of those things in which you were instructed."

# 

"... that word you know, which was proclaimed throughout all Judea, and began from Galilee after the baptism which John preached: how God anointed Jesus of Nazareth with the Holy Spirit and with power, who went about doing good and healing all who were oppressed by the devil, for God was with Him.

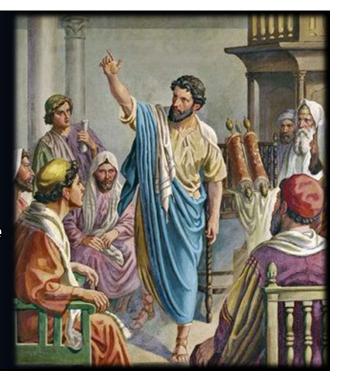


"And we are witnesses of all things which He did both in the land of the Jews and in Jerusalem, whom they killed by hanging on a tree. Him God raised up on the third day, and showed Him openly, not to all the people, but to witnesses chosen before by God, even to us who ate and drank with Him after He arose from the dead."

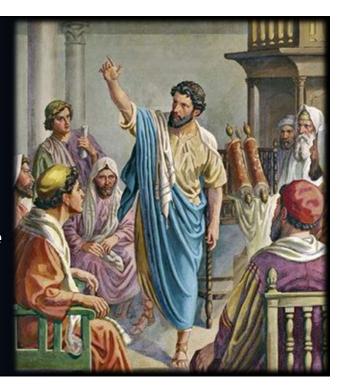


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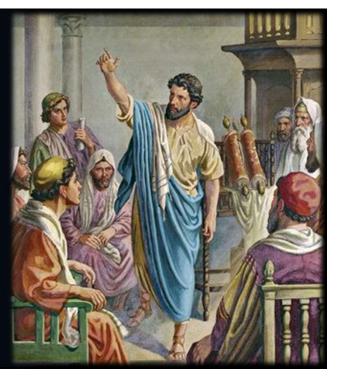


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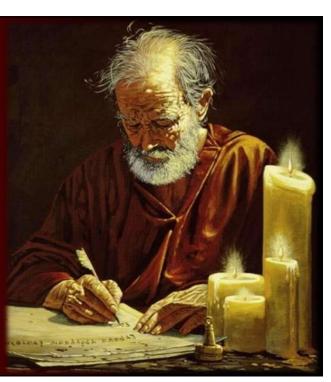


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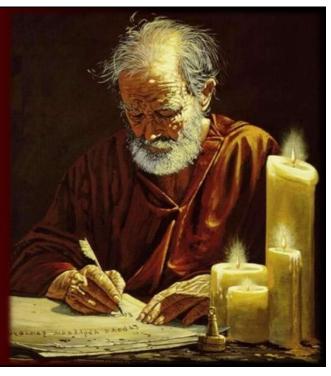


"That which was from the beginning, which we have heard, which we have seen with our eyes, which we have looked upon, and our hands have handled, concerning the Word of life—the life was manifested, and we have seen, and bear witness, and declare to you that eternal life which was with the Father and was manifested to us—that which we have seen and heard we declare to you, that you also may have fellowship with us; and truly our fellowship is with the Father and with His Son Jesus Christ."



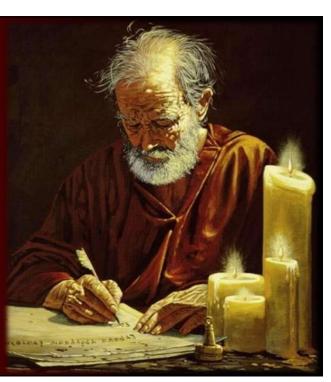
### % 1 John 1:1-3 ≪

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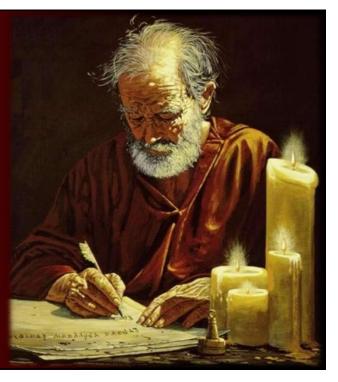
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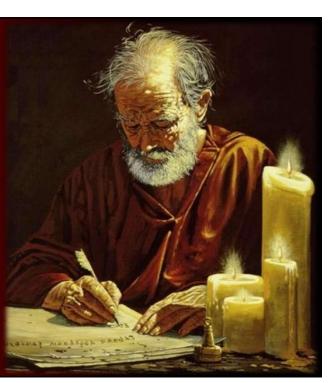
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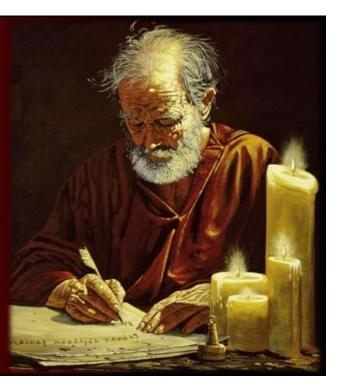
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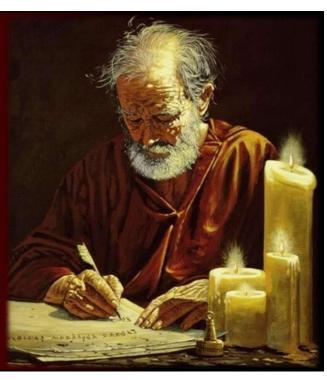
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"That which was from the beginning, which we have heard, which we have seen with our eyes, which we have looked upon, and our hands have handled, concerning the Word of life—the life was manifested, and we have seen, and bear witness, and declare to you that eternal life which was with the Father and was manifested to us—that which we have seen and heard we declare to you, that you also may have fellowship with us; and truly our fellowship is with the Father and with His Son Jesus Christ."



## 9∞ 1 John 1:1-3 ≪

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# Concerns about Empiricism?

# To Be Sure ... ✓ Our sensory faculties are not omniscient. ✓ Our sensory faculties are not infallible. ✓ Our sensory faculties are not

unaffected by our Fall in Adam.

# You hear concerns like ...

- Empiricism can't give you logic.
- Empiricism can't give you metaphysics
  Empiricism can't give you morality.
  Empiricism can't give you God.
  Empiricism can't justify induction.

- mpiricism shows that deduction is nothing more than a
- Empiricism is just another way of saying that science is the

# Some Mistaken responses ...

Some Christians mistakenly think that our fallen nature prevents humans from knowing any truth through our senses and, thus, argue that the Presuppositional apologetic method is required.

# Some Mistaken responses ...

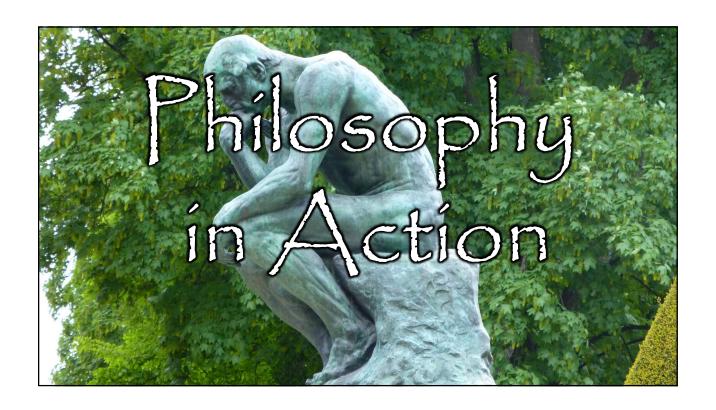
Some Christians mistakenly think that what is needed is some sort of "balanced" apologetic in terms of which the methods of empiricism are supplemented by other means of "knowing," often drawing elements of Rationalism or Intuitionism.

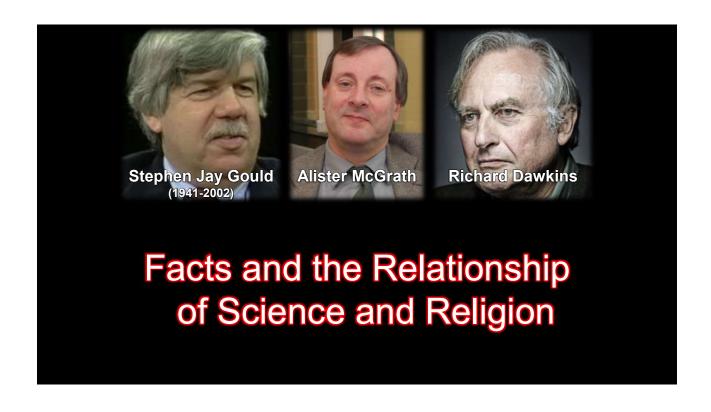
# Some Mistaken responses ...

Some Christians mistakenly think that Special Revelation (the Scriptures) are somehow given by God as a remedy to the failings of our senses.











- Paleontologist, evolutionary biologist, and historian of science
- Taught at Harvard and New York University
- Famous for his theory of punctuated equilibrium
- Was very interested in the relationship between science and religion



"We may, I think, adopt this word and concept to express the central point of this essay and the principled resolution of supposed 'conflict' or 'warfare' between science and religion.



"No such conflict should exist because each subject has a legitimate magisterium, or domain of teaching authority—

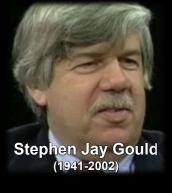


"and these magisteria do not overlap (the principle that I would like to designate as NOMA, or 'nonoverlapping magisteria')."

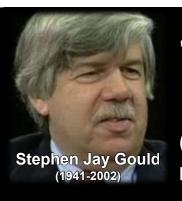
[Stephen Jay Gould, "Nonoverlapping Magisteria," downloaded from http://www.stephenjaygould.org/library/gould\_noma.html, assessed Jan. 8, 2018]



"The net of science covers the empirical universe: what is it made of (fact) and why does it work this way (theory).



"The net of religion extends over questions of moral meaning and value.



"These two magisteria do not overlap, nor do they encompass all inquiry (consider, for starters, the magisterium of art andthe meaning of beauty).



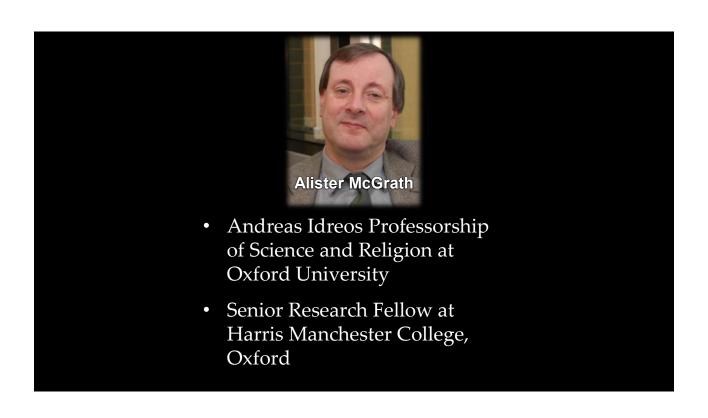
"To cite the arch cliches, we get the age of rocks, and religion retains the rock of ages; we study how the heavens go, and they determine how to go to heaven."

["Nonoverlapping"]











"There is, of course, a third option—that of 'partially overlapping magisteria' (a POMA, so to speak),

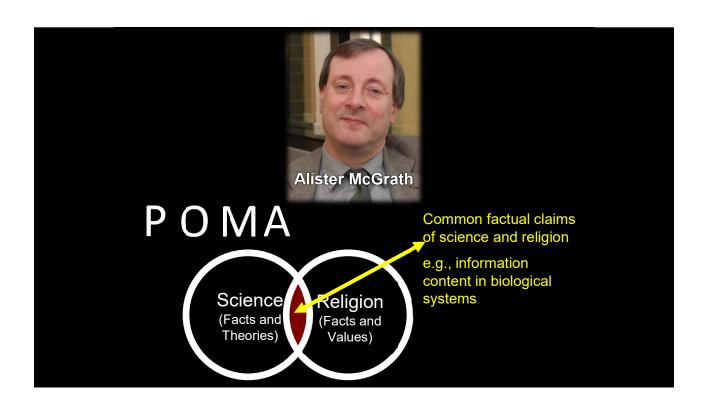


"reflecting a realization that science and religion offer possibilities of crossfertilization on account of the interpenetration of their subjects and methods."

[Alister McGrath and Joanna Collicutt McGrath, *The Dawkins Delusion? Atheist Fundamentalism and the Denial of the Divine* (Downers Grove, IL: 2007), 41







- Former Charles Simonyi Professor of Public Understanding of Science, Oxford University
   Author of The Selfish Gene; The Blind Watchmaker; The God Delusion, and more
- famous for his theory of memes
- outspoken atheist

