

Sep. 22 - Week 3 – Chapter 1a, pages 17 – 31

The Cause of the World: Why Something Is More Plausible (and Much More Interesting) Than Nothing

- ✓ Creation out of nothing is one of the basic doctrines of the Christian faith. Jews and Christians have held this view for thousands of years.
 - Genesis
 - Augustine
 - Nachmanides

- ✓ The Aristotelian view of the universe as eternal was the standard scientific model for 2000 years prior to the mid to late 20th century

- ✓ Evidence:
 - 1912 – Vesto Slipher – “red shift” of nebula

 - 1915 – Albert Einstein – General Relativity

 - 1922 – Alexander Friedman – expanding universe

 - 1927 – George Lemaitre – beginning to space and time, expanding universe

 - 1929 – Edwin Hubble – galaxies moving away from us

 - 1965 – Robert Wilson & Arno Penzias – Cosmic Microwave Background Radiation

 - 1970 – Stephen Hawking & Roger Penrose – Singularity Theorems

- ✓ **Current Big Bang Cosmology teaches that all matter, time, and energy were created out of nothing in a hot, dense, singularity that has been expanding and cooling since.**

- ✓ Who created the Creator?
 - Eventually must arrive at something that is beginningless and uncaused.
 - A beginningless, uncaused thing is ontologically different

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