



SCIENCE

SESSION 1

Creation & Evolution, Chance & Purpose: A Catholic Perspective
Professor Daniel Kuebler

Dr. Kuebler's presentation argues for the compatibility of the scientific theory of evolution and the theological doctrine of creation. It focuses particularly on the interplay between order and chance that is observed in evolutionary science and emphasizes the distinction and compatibility between *theological* and *biological* explanations of what it means to be human.

[Link to the online talk.](#)

SESSION 2

Human Stem Cell Research and Technology: Is This Good Science for the Human Good?
Professor Daniel Kuebler and Heather Foucault-Camm

A majority of the moral controversy associated with stem cell technology lies with the source of the stem cells in question. This presentation will examine evidence for the Catholic Church's support of morally-responsible stem cell research, while providing specific justification for its opposition of stem cell research that exploits or destroys human embryos. The different types of stem cells available for researchers including embryonic stem cells, adult stem cells, and induced pluripotent stem cells will be examined from a scientific perspective. The potential uses and pitfalls of each type will be examined as well as the relationship between embryonic stem cell research and research into the genetic modification of human embryos. Attendee teachers will be provided with sufficient information and strategies to deliver a lesson true to the science of stem cell technology, while also being able to articulate relevant moral considerations.

[Link to the online talk.](#)