

# Theology and Science: Where are we now?

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## Outline

1. Recent interest in the relationship between science and religion.
2. "Science & Religion" and/or "Science & Theology"?
3. Isn't it all about Genesis 1?
4. Historical discussion.
5. Current areas of engagement.
6. Typologies, models, metaphors and symbols.
7. Summary.

## Useful Resources

### General material

- Ferguson, Kitty. *The Fire in the Equations : Science, Religion, and the Search for God*. Grand Rapids, Mich.: W.B. Eerdmans Pub. Co., 1995.
- Polkinghorne, John C. *Traffic in Truth : Exchanges between Science and Theology*. Norwich: Canterbury, 2000.
- \_\_\_\_\_. "Physical Science and Christian Thought." In *The Blackwell Encyclopedia of Modern Christian Thought*, ed. Alister E. McGrath, 443-448. Oxford: Blackwell Reference, 1993.
- Roberts, Richard H. "Social Science and Christian Thought." In *The Blackwell Encyclopedia of Modern Christian Thought*, ed. Alister E. McGrath, 608-616. Oxford: Blackwell Reference, 1993.
- Russell, Colin A. "Biological Science and Christian Thought." In *The Blackwell Encyclopedia of Modern Christian Thought*, ed. Alister E. McGrath, 50-56. Oxford: Blackwell Reference, 1993.

### Introductory Material

- Barbour, Ian G. *When Science Meets Religion*. San Francisco: HarperSanFrancisco, 2000.
- Finlay, Graeme, ed. *A Seamless Web: Science and Faith*: Telos Publications, 2004.
- Haught, John F. *Science and Religion: From Conflict to Conversation*. New York: Paulist Press, 1995.
- McGrath, Alister E. *Science and Religion : An Introduction*. Oxford: Blackwell Publishers, 1999.
- Murphy, Nancey C. *Reconciling Theology and Science: A Radical Reformation Perspective*. Kitchener, Ontario: Pandora Press, 1997.
- Peters, Ted. "Theology and Natural Sciences." In *The Modern Theologians : An Introduction to Christian Theology in the Twentieth Century*, ed. David Ford, 647-668. Cambridge, MA: Blackwell Publishers, 1997.
- Polkinghorne, John C. *Science and Theology : An Introduction*. London: SPCK, 1998.

### More Advanced Material

- Barbour, Ian G. *Religion in an Age of Science : The Gifford Lectures 1989-1991*. London: SCM Press, 1990.
- \_\_\_\_\_. *Ethics in an Age of Technology: The Gifford Lectures 1989-1991*. Vol. 2. San Francisco: HarperSanFrancisco, 1993.
- \_\_\_\_\_. *Religion and Science : Historical and Contemporary Issues*. San Francisco: HarperSanFrancisco, 1997.
- Brooke, John Hedley. *Science and Religion : Some Historical Perspectives* Cambridge History of Science. New York: Cambridge University Press, 1991.
- Brooke, John, and Geoffrey Cantor. *Reconstructing Nature: The Engagement of Science and Religion*. Oxford: OUP, 1998.
- Drees, Willem B. *Religion, Science, and Naturalism*. Cambridge ; New York: Cambridge University Press, 1996.

- Haught, John F. *God after Darwin : A Theology of Evolution*. Boulder, Colo.: Westview Press, 2000.
- McGrath, Alister E. *A Scientific Theology*. Edinburgh: T & T Clark, 2001-3. (3 vols.)
- Peters, Ted. *Science, Theology, and Ethics* Ashgate Science and Religion Series. Aldershot, Hants, England ; Burlington, VT: Ashgate, 2003.
- Peters, Ted, and Gaymon Bennett, eds. *Bridging Science and Religion*. Minneapolis: Fortress Press, 2003.
- Richardson, W. Mark, Robert John Russell, Philip Clayton, and Kirk Wegter-McNelly. *Science and the Spiritual Quest : New Essays by Leading Scientists*. London: Routledge, 2002.
- Richardson, W. Mark, and Gordy Slack. *Faith in Science : Scientists Search for Truth*. Florence, KY, USA: Routledge, 2001.
- Stahl, William A., Robert A. Campbell, Yvonne Petry, and Gary Diver. *Webs of Reality: Social Perspectives on Science and Religion*. New Brunswick, N.J.: Rutgers University Press, 2002.

*From the Fortress Press "Theology and the Science" series*

- Barbour, Ian G. *Nature, Human Nature, and God*. Minneapolis, MN: Fortress Press, 2002.
- Brown, Warren S., Nancey C. Murphy, and H. Newton Malony. *Whatever Happened to the Soul? : Scientific and Theological Portraits of Human Nature* Theology and the Sciences, ed. Kevin J. Sharpe. Minneapolis: Fortress Press, 1998.
- D'Aquili, Eugene G., and Andrew B. Newberg. *The Mystical Mind : Probing the Biology of Religious Experience*. Minneapolis, MN: Fortress Press, 1999.
- Hefner, Philip. *The Human Factor : Evolution, Culture and Religion* Theology and the Sciences. Minneapolis: Fortress Press, 1993.
- Herzfeld, Noreen L. *In Our Image: Artificial Intelligence and the Human Spirit* Theology and the Sciences, ed. Kevin J. Sharpe. Minneapolis: Fortress Press, 2002.
- Nesteruk, Alexei V. *Light from the East : Theology, Science, and the Eastern Orthodox Tradition* Theology and the Sciences. Minneapolis: Fortress Press, 2003.
- Peterson, Gregory R. *Minding God: Theology and the Cognitive Sciences* Theology and the Sciences, ed. Kevin J. Sharpe. Minneapolis: Fortress Press, 2003.
- Powell, Samuel M. *Participating in God : Creation and Trinity* Theology and the Sciences. Minneapolis: Fortress Press, 2003.
- Santmire, H. Paul. *Nature Reborn : The Ecological and Cosmic Promise of Christian Theology* Theology and the Sciences. Minneapolis, MN: Fortress Press, 2000.
- Thistlethwaite, Susan Brooks. *Adam, Eve, and the Genome : The Human Genome Project and Theology* Theology and the Sciences. Minneapolis: Fortress Press, 2003.

## Journals

CrossCurrents	Perspectives on Science and Christian Faith
Science and Christian Belief	Theology and Science
Zygon	

## Organizations, Magazines & Web Sites

- Center for Theology and the Natural Sciences [www.ctns.org](http://www.ctns.org)
- Zygon Center for Religion and Science [www.zygoncenter.org](http://www.zygoncenter.org)
- American Scientific Affiliation (ASA) [www.asa3.org](http://www.asa3.org)
- The European Society for the Study of Science And Theology (ESSSAT) [www.esssat.org](http://www.esssat.org)
- Science and Theology News [www.stnews.org](http://www.stnews.org)
- Science and Spirit Magazine [www.science-spirit.org](http://www.science-spirit.org)
- Metanexus Institute [www.metanexus.net](http://www.metanexus.net)
- Counterbalance Foundation (Meta-Library) [www.counterbalance.org](http://www.counterbalance.org)

"Galileo's Dilemma: Science and Religion" (Dr John Stenhouse) – Royal Society – Radio NZ  $E=mc^2$  Lecture Series (18<sup>th</sup> May, 2005). <http://meta.radionz.co.nz/emc2/42964D97-wmbr.asx> (audio stream)