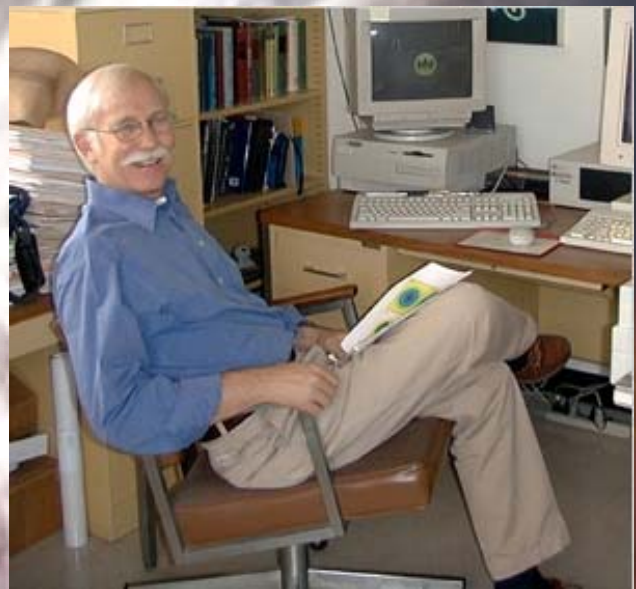


**The Reverend George V. Coyne, S. J.
Lecture in Astronomy & Astrophysics
to be presented by**

**J. Craig Wheeler
University of Texas**

**Exploding Stars in
an Accelerating
Universe**

**7:00PM Thursday
October 23, 2008
Weasler Auditorium
Marquette University**



Supernova explosions produce the elements necessary for life, exotic compact objects like neutron stars and black holes, and the energy to drive the evolution of galaxies. Supernovae have been connected to the cosmic gamma ray bursts that are probably the birth of black holes, have enabled the startling measurement of the acceleration of the Universe, and provide probes of the first stars to wink on in the Universe. This talk will summarize all these interlinked roles of supernovae in modern astrophysics.