



## The Reverend George V. Coyne, S. J. Lecture in Astronomy and Astrophysics

will be presented by

# Dr. Harvey Tananbaum

Director of the Chandra X-Ray Observatory  
Harvard-Smithsonian Center for Astrophysics



**Thursday, September 19, 2013**

**7:00PM**

**Weasler Auditorium  
Marquette University**

## “Highlights from NASA’s Chandra X-Ray Observatory”

NASA's Chandra X-ray Observatory has provided an unprecedented view of the Universe at x-ray wavelengths since its launch in July 1999. Chandra's spectacular images and detailed spectra of astrophysical systems ranging from solar system objects to distant galaxies and clusters shed (x-ray) light on diverse topics such as stellar formation and demise, black hole-galaxy-cluster interactions, and properties of dark matter and dark energy. After an overview of the Observatory, the focus of the talk will be on selected scientific highlights from the past 14 years.