



SACRAMENTO STATE

Department of Physics & Astronomy Fall 2008

# ***Physics Colloquium Series***

## **"The Mystery of the Missing Antimatter"**

*Matter and Antimatter obey very similar laws of physics. The Universe has structures made from matter, the stars, planets and us, but almost no antimatter to be seen. This is a puzzle --how and when in the history of the Universe did matter and antimatter get out of balance? What happened to all the antimatter that was present in the early Universe? This talk explores our knowledge of these questions, and about the aspects of particle physics relevant to their answers.*

**Helen Quinn**

*SLAC National Accelerator Laboratory*

**Thursday, November 20, 2008**

**\*4:00-5:20 PM MND 1015**

**\*Note new times this semester**

**Open & Free to all Students, Faculty & Public**