

Illinois Mathematics and Science Academy
Great Minds Program®
presents

**Exploring Infinity
and Applications of This Exploration**
featuring

Dr. Robert Fefferman

Dean of Physical Sciences Division

The University of Chicago



**Tuesday, December 1, 2009
at 4:30-5:30 p.m.
IMSA Pearson Lecture Hall**

There are many very odd and surprising things that happen when one approaches the concept of infinity in a rigorous mathematical manner. We shall discuss some of these and then pass to various applications in mathematical analysis and probability theory. The talk will be entirely self-contained and elementary.