

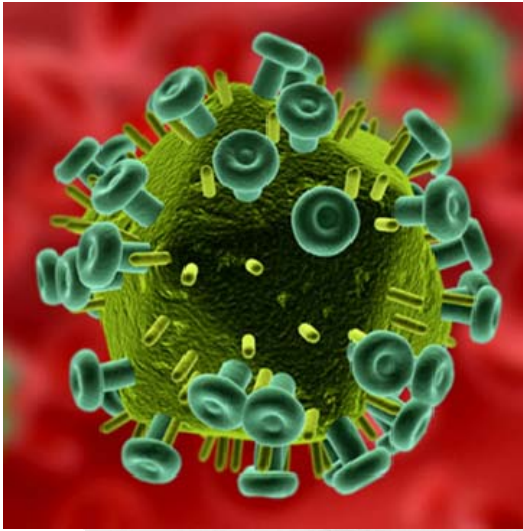
# MATH and PIZZA

## Fighting Back a Viral Attack with a Virus

Speaker

**Dr. Gisela García-Ramos**

Department of Biology, University of Kentucky



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Department of Mathematics  
University of Kentucky

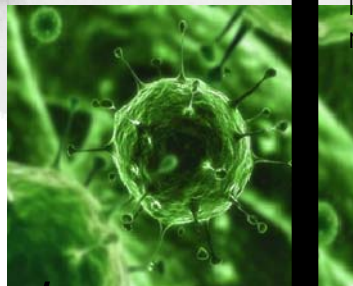
**Date:** Wednesday, October 12, 2011

**Time:** 4:00pm - 5:00pm

**Room:** 114, Classroom Building

Abstract:

Viruses must hijack the living cells of animals or plants to reproduce. Many viruses burst the cells during the release of viral particles causing severe damage to the host organism. When drugs do not work, can a good virus fight a bad virus? In this talk, the biology of human immunodeficiency virus (HIV) will be discussed and a mathematical model to predict the viral battle outcome.



*All students  
with an interest in Mathematics  
are welcome to attend!!*

**UK Math Club**

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