

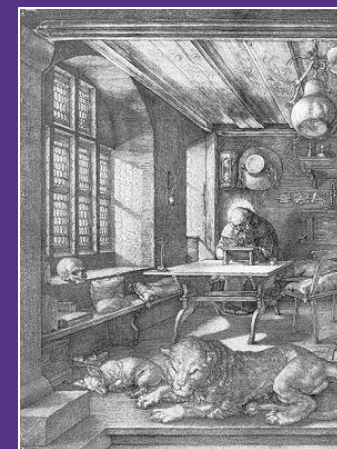
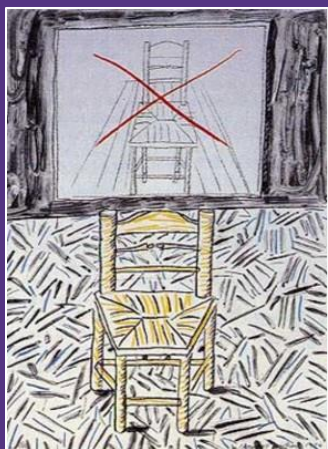
The Allegheny College Mathematics Department

Presents

Guest Speaker

Annalisa Crannell

Professor of Mathematics  
Franklin and Marshall College



## Math and Art:

# The Good, the Bad, and the Pretty

Henderson Auditorium, Quigley Hall  
Allegheny College

Thursday, September 17<sup>th</sup>, 2009 at 4pm

Abstract: Dust off those old similar triangles, and get ready to put them to new use in looking at art! We're going to explore the mathematics behind perspective paintings---a mathematics that starts off with simple rules, and yet that leads into really lovely, really tricky mathematical puzzles. Why do artists use vanishing points? What's the difference between 1-point and 3-point perspective? Why do your vacation pictures not look as good as the mountains you photographed? We'll look at all of these questions, and more.

Refreshments will be available after the talk.

Sponsored by the Department of Mathematics.

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