

CALIFORNIA STATE UNIVERSITY, LONG BEACH

THE MATHEMATICS COLLOQUIUM

presents

Dr. Naiomi Cameron

Occidental College

speaking on

Counting on Determinants...with Fibonacci Numbers!

Friday, March 18, 2005

12:00PM-1:00PM

LA5-267

Abstract: With the help of a beautiful theorem for counting nonintersecting path systems, we will use a little graph theory and linear algebra to recount some identities involving Fibonacci and Catalan numbers. In fact, without much more work, it is possible to generalize some of these identities. Wanna know how? Come to this talk and find out.