

✦ THURSDAY, NOVEMBER 18TH, 2010 ✦

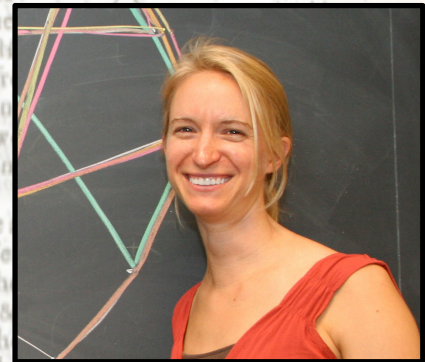
University of Oklahoma

Math Day

Pascal's Patterns

Speaker:

Prof. Alissa S. Crans
Loyola Marymount Univ.
Los Angeles, CA



Abstract:

After a brief history of Pascal's triangle we will find the numerous patterns hiding in it: powers of 2, the hockey stick pattern, the triangular numbers, the Fibonacci numbers, and many more!

About Prof. Crans:

Alissa S. Crans is an Assistant Professor of Mathematics at Loyola Marymount University. She earned her Ph.D. in mathematics from the UC Riverside, and has held positions at Pomona College, Ohio State University, and University of Chicago. Dr. Crans' research is in the field of higher-dimensional algebra and is funded by the NSA. She is also interested in the connections between math and music, and enjoys playing the clarinet with the Santa Monica College wind ensemble. Dr. Crans co-organizes the Pacific Coast Undergraduate Mathematics Conference, and mentors young women in the Summer Mathematics Program at Carleton College, the EDGE program, and the Career Mentoring Workshop.

Euclid's Elements
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