Bi-State Math Colloquium

Who: Vicki Reuter
When: *Tuesday*, April 10, 4:00 pm
Where: Ottensman 124, UW-Platteville

An Introduction to Partitions

A **partition** of n is a set of numbers whose sum is n. The number 4 has five partitions: 4, $3+1$, $2+2$, $2+1+1$, and $1+1+1+1$. In this talk, we will look at some of the different ways of representing partitions and use them to show bijective proofs of partition theorems by Euler and others.

Vicki Reuter is in her fifth year of teaching Mathematics at UW-Platteville. She is fond of combinatorial number theory and continued fractions. This summer she will be preparing to teach next fall's Number Theory course and learning some of the fancy footwork needed to play Bach's fugues on the pipe organ.

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