

California State University, Fresno  
Fall 2006 Mathematics Lecture Series

presents

**HERBERT WILF**  
University of Pennsylvania

**“Mathematics: An Experimental Science”**



Tuesday, October 24, 2006 from 3 to 4:00PM  
Peters Educational Center Auditorium

We'll discuss some recent results that were conjectured via computer experiments and then proved. The examples will be drawn from number theory, Young tableaux, determinant evaluation, theory of matrices of 0's and 1's, etc. Several unsolved problems that also resulted from these studies will be presented.

*Herbert Wilf is the Thomas A. Scott Professor of Mathematics at the University of Pennsylvania. He was founder of the Journal of Algorithms, and of the Electronic Journal of Combinatorics, and was Editor in Chief of those two plus the American Mathematical Monthly. Professor Wilf won the Steele Prize of the AMS for Seminal Research Contribution in 1996, and the Haimo Award of the MAA for distinguished teaching, in 1998. He is the author of  $A=B$ , generatingfunctionology, Algorithms and Complexity, and other books, as well as more than 150 research papers, mostly in combinatorial mathematics. He was a private pilot for a hobby, from 1982-2002 and flew a Cessna 210 all over the USA.*