

California State University, Fresno
Spring 2007 Interdisciplinary Mathematics Lecture Series

presents

CARL POMERANCE

Dartmouth College

"Prime Time for Primes"



Monday, February 26, 2007 from 4:00 to 5:00PM
Alice Peters Auditorium (UBC)

As old as Euclid, prime numbers have recently started to yield their secrets. Mathematicians from California to India and elsewhere have shown us that primes regularly fall into strict patterns, they display unusual "clumping," and they are computationally easy to detect. While many mysteries remain, it does seem that this first decade of the new millennium is indeed a prime time for primes.

Carl Pomerance received his B.A. from Brown University in 1966 and his Ph.D. from Harvard University in 1972 under the direction of John Tate. Currently he is a mathematics professor at Dartmouth College, after previous positions at the University of Georgia and Bell Labs. A number theorist, Pomerance specializes in analytic, combinatorial, and computational number theory, with applications in the field of cryptology. He considers the late Paul Erdős as his greatest influence. Currently he is the first vice president of the MAA. He has won many teaching and research awards, including the Chauvenet Prize in 1985, MAA's distinguished university teaching award in 1997, and the AMS's Conant Prize in 2001. He has over 120 publications, and is the author (with R. Crandell) of "Prime numbers: a computational perspective", Springer-Verlag, 2001. He is also the inventor of one of the most important factorization methods - the quadratic sieve.

For further information call (559) 278-4009 or e-mail mfisher@csufresno.edu