How could there be something we don't know about arithmetic? It would seem that subject was sewn up in third grade. But here's a problem we don't know the solution to: What is the most efficient method for multiplication? And here is another: How many different numbers appear in a large multiplication table? There are many more such problems, largely unsolved, and for which we could use some help!

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 the John G. Kemeny Parents Professor Emeritus of Mathematics 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.

Friday, October 16th, 2015
4:10 PM - 5:00 PM
B122 Wells Hall
619 Red Cedar Rd.
East Lansing, MI 48824

Lecture will be preceded by a reception from 3:30 PM to 4:00 PM and followed by a light dinner from 5:10 PM to 6:00 PM. Both to be held in C204 Wells Hall.