

*The Research Scholars in Residence Program at Cal Poly
is pleased to present a lecture for the University and Local Community*

**Planning to commit fraud?
Then you need to know about Benford's Law!**

Looking Out for Number 1

A presentation by Ted Hill, Cal Poly Research Scholar in Residence

**Tuesday, February 23, 4:00pm
Cal Poly Kennedy Library,
Bldg. 35, Room 202A**

The IRS uses a statistical phenomenon called Benford's Law to help detect tax fraud. First discovered in the 19th century, this same tool is being used now in many different fields of science and engineering, from detecting earthquakes and election fraud, to calibrating instruments, analyzing errors in computer calculations, and identifying covert alterations of digital images. This lecture, aimed for the lay scientific audience, will describe the phenomenon of Benford's Law, its colorful history, and some of the most recent applications.

Ted Hill is Professor Emeritus of Mathematics at Georgia Tech, and Research Scholar in Residence at Cal Poly. He is a Distinguished Graduate of West Point's Class of 1966, and has a Master's from Stanford and a PhD in Mathematics from Berkeley. His main research area is probability theory, and his work on Benford's Law has been cited in New Scientist, The New York Times, and numerous foreign newspapers.

*Light refreshments will be served
Sponsored by the Office of Research and Economic Development*