

The **RESEARCH SCHOLARS IN RESIDENCE PROGRAM** at Cal Poly  
is pleased to present a  
**LECTURE**  
for the University and Local Community.

***Deciding when to change jobs, sell stock, get married?***

***Find out how to improve your odds of getting the best result at this lecture:***

## **KNOWING WHEN TO STOP**

by

**Dr. Ted Hill**

**Cal Poly Research Scholar in Residence**

**Thursday, April 1<sup>st</sup> 7:00 pm**

**Cal Poly Kennedy Library,  
Bldg. 35 Room 510-B**



Light refreshments will be served.

In many basic processes in science (and the rest of life) there is an element of chance involved, and a crucial problem is often deciding when to stop. The process could be selling your house, debugging a large software program, deciding when to retire, or interviewing for a new secretary.

This lecture, aimed for the lay scientific audience, will describe the elegant and unexpected solution to the classical Secretary Problem (also known in the literature as the Marriage, Dowry, or Best-Choice Problem), along with excellent rules of thumb, counterintuitive surprises, colorful paradoxes, and famous unsolved problems.

*Dr. Hill is Research Scholar in Residence at Cal Poly, and Professor Emeritus of Mathematics at Georgia Tech, and has published extensively about Optimal Stopping.*

**Sponsored by the Office of Research and Graduate Programs.**