



The Math/Stats Colloquium
Department of Mathematics and Statistics
San José State University



Carol Meyers

Lawrence Livermore National Laboratory

Modeling the Enterprise:

My Career at a National Laboratory

WED APR 10, 2024, MH320

Abstract: Are you curious about the work done at a national lab? Are you interested in learning how mathematics is applied to real problems? This talk will introduce the field of operations research and describe the kinds of math the speaker has used in her 17 years at Lawrence Livermore National Laboratory. The talk will give a broad perspective across several application areas, including nuclear stockpile modeling, counterterrorism, energy grid modeling, and improving efficiency of laboratory operations. These projects span a range of time frames, sponsors, and team sizes, and hopefully will give a flavor of the diverse work done at the lab and by operations researchers.

Background: No particular background necessary.

About the speaker: Carol Meyers received her PhD in Operations Research from MIT and is an Associate Program Leader in the Weapons Infrastructure Program at Lawrence Livermore National Laboratory. She manages a suite of mathematical modeling projects studying the nuclear weapons enterprise at different scales, including stockpile, workforce, infrastructure, and cost models.

SNACKS IN MACQUARRIE HALL 331B AT 2:40PM

TALK STARTS AT 3:00PM

For more information, see our full schedule at:

<http://www.timhsu.net/colloq/>