



The Math Colloquium
Department of Mathematics
San José State University



Pamela Coxson

UCSF Department of Medicine

*Using a Mathematical Model to Inform
Medical Decision Making*

FEBRUARY 24, 2010, MH320

Abstract: The Coronary Heart Disease Policy Model projects the impact of changes in risk factors and treatment of heart disease on the future incidence and burden of heart disease in the U.S. I will describe this model and give some examples of how it has been used to inform medical decision-making.

Background: Familiarity with matrix multiplication. The talk should be accessible to any undergraduate math or science student.

About the speaker: Pamela Coxson has a Ph.D. in Mathematics from USC. She is a Math Specialist in the Department of Medicine at UCSF. She works with the Coronary Heart Disease Model, which she helped to develop 25 years ago at the Harvard School of Public Health.

SNACKS IN MH331B AT 2:30 PM

TALK STARTS AT 3 PM

For more information, see our full schedule at:

<http://www.math.sjsu.edu/~hsu/colloq/>