



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



Peter Gao

SJSU

*Mapping local health outcomes
with limited data*

WED FEB 21, 2024, MH320

Abstract: High quality estimates of state- or county-level vaccination rates and mortality rates are important for guiding health policy. When data are limited, these rates are difficult to estimate. How can statistical modeling help us use the available data optimally? This talk will review current methods for health and demographic mapping, discuss key considerations when estimating critical quantities used for decision making, and propose some potential extensions to existing methods for improving estimation given limited data.

Background: No background required.

About the speaker: Peter Gao is an Assistant Professor in the Department of Mathematics and Statistics at SJSU. He received his Ph.D in Statistics from U. Washington. His research interests include developing statistical methods for application to the environmental and social sciences.

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/>