



# The Southern California STATISTICIAN

❖ Meeting Memo and Newsletter ❖

Vol 18 No 2      Southern California Chapter American Statistical Association      October 1980

## Los Angeles

**WHO:** Nancy Mann  
Research Professor  
Department of Biomathematics  
UCLA;  
Project Manager, Reliability  
and Statistics  
Science Center,  
Rockwell International

**TOPIC:** "Some New Insights into Addiction  
and Abstinence Based on Analysis  
of Recidivism Data in Individual  
Heroin Addicts"

**WHEN:** Thursday, October 23, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

**PRICE:** \$9.28  
\$6.00 for full time students

**DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge at  
(213) 741-4480 by Tuesday, Oct. 21.

**WHERE:** UCLA Faculty Center, Redwood 4  
Parking in Structure #2 for \$2.00

**DIRECTIONS:** The UCLA Faculty Center is  
located on campus at the northwest  
corner of Hilgard and Westholme.  
Approaching UCLA from Westwood  
Village on Westwood Boulevard turn  
right on Laconta, then left on  
Hilgard to Westholme. Parking is in  
Structure #2 directly opposite the  
Faculty Center.

### CHECK YOUR NEWSLETTER MAILING LABEL

If there have been any changes in your  
address or phone number please send the  
corrections to Rebecca Riggs, 8 Woodland,  
Irvine, CA 92714.

## San Diego

**WHO:** David Osteyee  
Research Statistician  
U.S. Navy Personnel  
Research & Development Center at  
San Diego

**TOPIC:** Estimating Markov Matrices &  
Determining Markov Matrix Roots

**WHEN:** Wednesday, October 22nd  
6:00 PM Social hour  
7:00 PM Dinner  
8:00 PM Speaker

**PRICE:** \$3.50 and up

**WHERE:** W.R. Ranch  
2438 Hotel Circle North  
San Diego  
(714) 488-0653

**DINNER RESERVATIONS:** Please place your  
reservations with Eugene Sibbald  
at (714) 263-3216 (eves) by Monday,  
October 20.

### UPCOMING MEETINGS Los Angeles Area

Our next chapter meeting will be held  
on Thursday, December 4 at the UCLA Faculty  
Center. The speaker for this meeting will be  
Professor Arnold Court of California State  
University, Northridge. Professor Court is a  
widely recognized expert in the field of  
Climatology. He will speak on statistical  
procedures in Climatology.

January meeting - UC Irvine  
February meeting - UC Riverside

### San Diego Area

Information on upcoming San Diego meetings  
will appear in the next newsletter.



# American Statistical Association

Rebecca Riggs  
8 Woodland Dr.  
Irvine, CA 92714

## Los Angeles The Speaker and Her Topic

Nancy Mann is currently a Research Professor in the Department of Biomathematics at UCLA. She is on leave from the Science Center, Rockwell International.

Dr. Mann is internationally recognized for the development of innovative and widely used statistical methodologies. She is a Fellow of the American Statistical Association, an elected member of the International Statistical Institute, is on the Editorial Board of Communications in Statistics, and is on the Editorial Advisory Board of the Journal of Computational Statistics and Simulation. She has published over 50 technical papers and has co-authored the widely used Methods for Statistical Analysis of Reliability and Life Data.

Dr. Mann recently received a three-year appointment to the Board of Advisors to the Superintendent of the Naval Post-Graduate School. She has also been appointed as a member of the Advisory Commission to the Nuclear Regulatory Commission on Nuclear Regulatory Research.

A brief abstract of Dr. Mann's talk follows:

The speaker will describe some surprising preliminary results of her two-year study currently being supported by the National Institute on Drug Abuse. The study involves the use of life-test data-analysis methodology to analyze time to return to use of heroin in individual addicts. Data used in the research concern 1) a large-scale interview program involving all known heroin addicts in the city of Baltimore, 2) 5,000 patients of a Newark, N.J. municipal narcotics treatment program, and 3) patients of a V.A. hospital methadone maintenance program.

## San Diego The Speaker & His Topic

Dr. Osteyee received his BA in Math from UC Berkeley, his MA in Math from UCLA, and his PhD in Statistics from Virginia Polytechnic Institute and State University. He has worked for the Office of Naval Research, the Air Force Office of Scientific Research, IBM, and the UC Lawrence Radiation Laboratory.

Dr. Osteyee's publications include a monograph with the Springer-Verlag Lecture Notes in Mathematics, the IEEE Transactions on Communications, and the ASA Annual Conference Proceedings.

Dr. Osteyee will talk on the problem of estimating a Markov transition matrix over a period of given time length. The transition data needed to develop the desired estimate may only be available over periods with different time lengths. The desired estimate may be derived from the available data by using the Markov and stationary properties. Sufficient conditions and an explicit formula are given for finding a Markov root of a Markov matrix needed to estimate the desired Markov matrix.

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## 1981 Business Outlook Conference October 28, 1980

The 1981 Business Outlook Conference will be held Tuesday, October 28 at the Biltmore Hotel in Los Angeles. Speakers will include: Frank Borman, President, Eastern Airlines; C. William Verity Jr., Chairman, Armco Inc.; and William F. Ford, President, Federal Reserve Bank of Atlanta. For more information and reservations, contact the L.A. area Chamber of Commerce at (213) 629-0644.