



The Southern California STATISTICIAN

✧ Meeting Memo and Newsletter ✧

Vol. 14 No. 1 Southern California Chapter - American Statistical Assn. SEPT 1977

DR. RAM SWAROOP TO ADDRESS SEPTEMBER CHAPTER MEETING

Dr. Ram Swaroop, of SDC Integrated Services, Inc., NASA Dryden Flight Research Center, will be the featured speaker at the Regular Chapter Meeting of the American Statistical Association's Southern California Chapter on Thursday, September 29. An abstract of Dr. Swaroop's topic follows:

" At the NASA Dryden Flight Research Center, Edwards Air Force Base, California, aircraft data and pilots' physiological data, along with the pilots' subjective difficulty ratings are recorded for each flight task. A reliable single performance measure is being developed to represent these multivariate data. Principal components correspond to orthogonal axes in multivariate data analysis. A suitable function of principal component scores can be used to define a performance measure. Aircraft touchdown data for flights, made with the help of an airborne closed circuit television system, are employed to illustrate the use of principal component scores."

Dr. Swaroop is the senior statistician for SDC Integrated Services, Inc. at NASA's Dryden Flight Research Center, Edwards, California. He holds a MS in Mathematics from India, a MS in Statistics from Stanford, and a PhD in Biostatistics from UCLA. Before coming to this country, he was associated with sugarcane research in India. Since 1966, he has been working with aircraft and pilots' biomedical data obtained during flight missions at the Dryden Flight Research Center.

SEPTEMBER MEETING ANNOUNCEMENT

WHEN: Thursday, Sept. 29, 1977
6:00 P.M. - Cocktails
7:00 P.M. - Dinner
8:00 P.M. - Speaker

WHERE: RODGER YOUNG CENTER
936 W. Washington Blvd.
Los Angeles, California

PRICE: \$ 7.00
(\$ 5.00 for full-time students)
French Braised Beef Roast,
Glace Viand

For Reservations, Please Contact:

Dennis Aaron
General Telephone Company
(213) 451 - 7354

COMING CHAPTER EVENTS

- Oct. 27 - Regular Chapter Meeting at Rodger Young Center
Dr. Frank Massey to Speak
(See Page 4 for more info.)
- Dec. 1 - Regular Chapter Meeting at Rodger Young Center. This is a combined November/December meeting because of the holiday conflicts. The speaker will be announced in the October Newsletter
- Dec. 10 - Annual Christmas Party.

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Newsletter Editor	Cindy Franklin	Department of Mathematics University of California Irvine, CA 92717 (714) 833-5379 (714) 833-5503 (Secy)

LET YOUR PROGRAM IDEAS BE KNOWN TO PROGRAM CHM

Now is the time for all good ~~men~~ members to come to the aid of their ~~party~~ program ideas! Plans have already been made for the remainder of this year, but some meeting dates in 1978 are still open. If you have a suggestion for a meeting topic or speaker please call Rey Navarre at (213) 741-4646.

MESSAGE FROM THE CHAPTER PRESIDENT

It seems to me that the presence of the 138th Annual Meeting of our Association in San Diego provides members of our local chapter with an unusually convenient opportunity to attend and, if they wish, to participate with the national organization in the planning and execution of this memorable event. In addition, the meeting gives our chapter a focus with which to increase participation in chapter events throughout the intervening year.

Over the years that I have been an active chapter member, I have felt a growing concern for our need to better serve members who work and reside outside the Los Angeles Basin; transportation time and cost make it nearly impossible for those members to attend our monthly meetings. The chapter had experimented in the past with moving the monthly meeting to various locations within the Southern California area, but this met with only sporadic success. It is clear that, no matter what the cause, we recently have had only minimal participation from our outlying membership. If we are going to change this pattern, we need to change some of our present tradition. To that end, I proposed to the Executive Council at its meeting of August 25 that we attempt to identify local subgroups of the chapter who would be interested in planning and conducting meetings in their own areas. To begin this process, we need to identify a group of chapter members who would attend an initial planning meeting to discuss the feasibility of presenting a sub-chapter meeting in their locale. If such a meeting were agreed to, then speaker choice and meeting site would be advertised in the Chapter Newsletter. In addition, a complete list of membership for that locale would be provided to the organizers so they might extend invitations in a more personal way. Finally, members of the Executive Council would assist in the planning and would attend at least the initial meeting of the subgroup. I hope that we will explore this possibility in at least three areas:

1. San Diego
2. San Louis Obispo/Santa Barbara
3. Pomona/Riverside

(Continued Next Column)

PRESIDENT'S MESSAGE (Continued)

If we can successfully develop a chapter program of concurrent monthly meetings, being offered in several local areas, we should naturally increase the number of chapter members who are actively involved. This seems to be a worthwhile objective as we look forward to the 1978 Annual Meeting of ASA in San Diego. I would appreciate receiving your comments and suggestions regarding the above proposal. The success of this expansion of activities necessarily requires broad-based and enthusiastic support from our members - especially those in the outlying areas. Moreover, I am most interested in hearing from you regarding any other aspect of chapter business, especially those ideas that might increase active participation in chapter events.

s/ Bob Newcomb

1978 BUSINESS OUTLOOK CONFERENCE

The Los Angeles Area Chamber of Commerce will present the 1978 Business Outlook Conference (BOC) on Wednesday, October 26, 1977 at the Convention Center in Los Angeles. The list of speakers presently includes the following:

- Allen Greenspan - "General Economic Outlook for 1978"
- Albert Wojnilower - "The Money Market Outlook"
- Daniel Yankelovich - "Consumer and Business Attitudes"

Other outstanding speakers will be added and announced in the October Newsletter.

The registration fee to the public is \$60.00. However, because our chapter is a cooperating organization, the registration fee would be reduced to \$35 if we sell ten or more tickets. If you are interested in registering for this conference at the reduced rate, please telephone Ed Forgy at (213) 478-8175. As soon as ten people have indicated their interest, Dr. Forgy will arrange to confirm their registration at the reduced rate.

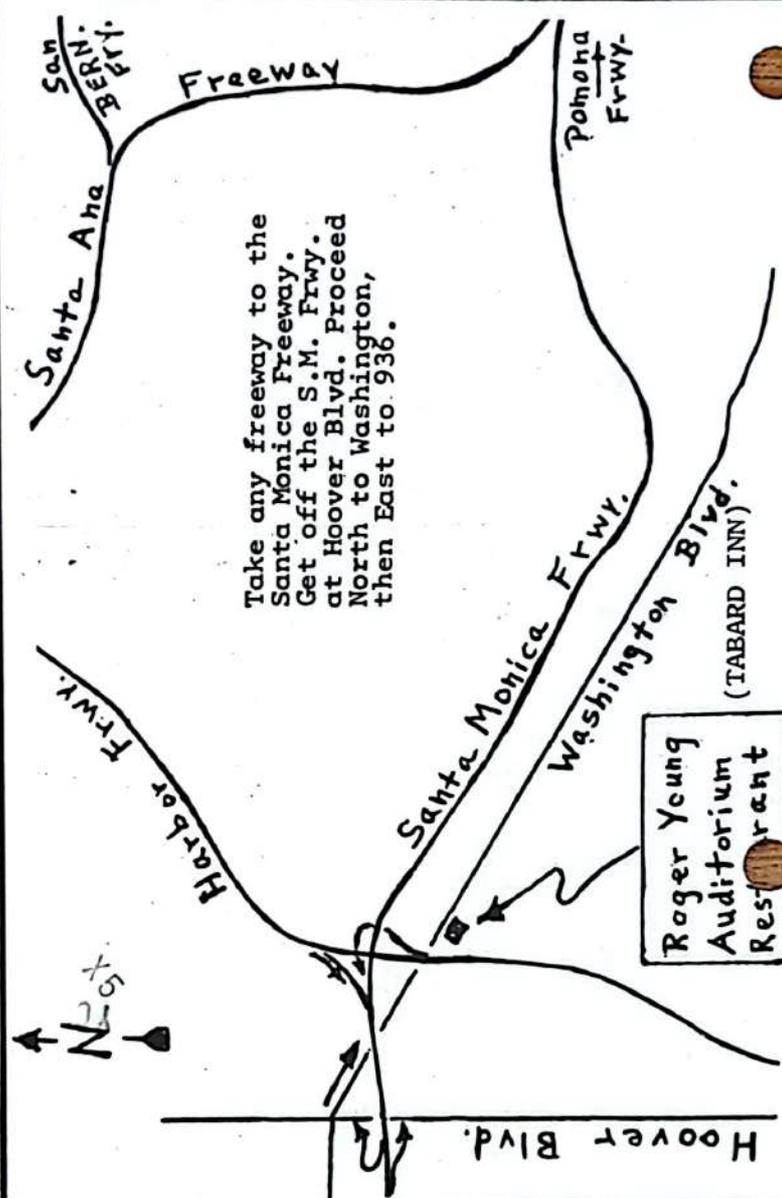
OCTOBER CHAPTER MEETING

The October Chapter Meeting will be held on the evening of Thursday, October 27, at the Rodger Young Center. The Guest Speaker will be Professor Frank J. Massey, Jr., who is the head of the Biostatistics Division of the School of Public Health at UCLA. A fellow of the ASA since 1966, Professor Massey is perhaps most widely known as CO-Author (with Wilfrid J. Dixon) of the 3rd Edition Text, "Introduction to Statistical Analysis." Make plans now to save this date to attend with your fellow chapter members.

DUES NOTICE

If you have neglected to pay your local chapter dues, a submittal of \$5.00 to the Chapter Secretary will not only put you in a better frame of mind -- it will also help us meet the financial obligations of the chapter. Mail your check today (or first thing tomorrow) to:

Mr. Dennis Aaron
General Telephone Co. of Calif.
100 Wilshire Blvd. # 84
Santa Monica, CA 90401



SOUTHERN CALIFORNIA CHAPTER

**American
Statistical
Association**

626 NORTH GARFIELD AVENUE
ALHAMBRA, CALIF. 91802



ASA 6-77
Dr. Robert L. Newcomb
School of Social Sciences
University of California
Irvine, CA 92717

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The Southern California STATISTICIAN

DEPARTMENT OF STATISTICS
UNIVERSITY OF CALIFORNIA
LOS ANGELES

* Meeting Memo and Newsletter *

Vol 14 No 2

Southern California Chapter American Statistical Assn

October 1977

FRANK J. MASSEY TO SPEAK AT OCTOBER 27 MEETING

Our October 27 chapter meeting will feature Dr. Frank J. Massey, Jr., discussing "Power and Sample Size with the Two Binomial as an Example".

Dr. Massey received his Ph.D. in Statistics from the University of California at Berkeley in 1947. After teaching at the University of Maryland and the University of Oregon, he joined the UCLA School of Public Health in 1954 and is now Professor and Head of the Division of Biostatistics there. He has worked in statistical theory and application related to non-parametric techniques and epidemiology and co-authored with W. J. Dixon the text Introduction to Statistical Analysis, now in its third edition.

The following is an abstract of Dr. Massey's talk:

The sample size question is one which statisticians have exploited and for which they have been exploited. Historically, the number of observations made have been more dependent on the available time, money, and effort rather than on considerations of power or sampling accuracy. Currently it is fashionable (and in fact sometimes required) to obtain statistical advice as to this point, but one wonders how often the criteria leading to sample size have been altered rather than the sample size adjusted to fit the criteria.

In testing the equality of two proportions, there are at least three sample size formulas which are pushed in texts. These relate to the corrected and uncorrected chi-square and the use of the arc sine transformations. These will be discussed.

OCTOBER MEETING ANNOUNCEMENT

WHEN: Thursday, October 27, 1977

6:00 P.M. - Cocktails
7:00 P.M. - Dinner
8:00 P.M. - Speaker

WHERE: Rodger Young Center
936 W. Washington Blvd.
Los Angeles, California

PRICE: \$7.00
\$5.00 for full-time students
Includes dinner

FOR RESERVATIONS, contact

Dennis Aaron
(213) 451-7354

Reservations should be received
by Tuesday, October 25.

COMING CHAPTER EVENTS

Dec. - Regular Chapter Meeting at Rodger Young Center. Dr. Nancy R. Mann of the Science Center, Rockwell International Corporation, will speak on "Application of Reliability Methods to Analysis of Alcoholism Failures".

Dec. 10 - Annual Christmas Party

Jan. 26 - Regular Chapter Meeting at Rodger Young Center. Dr. Carl Morris of the Rand Corporation will speak regarding Stein's Paradox. Dr. Morris co-authored a recent Scientific American article on this subject.



The Southern California STATISTICIAN

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Vol 14 No 3

Southern California Chapter American Statistical Assn

December 1977

NANCY MANN TO SPEAK AT DECEMBER 1 MEETING



DR. NANCY R. MANN

Dr. Nancy R. Mann of Science Center, Rockwell International in Thousand Oaks, California will speak at the December 1 chapter meeting on "Using Reliability Methodology to Gain Insight into Alcoholism Failure".

Dr. Mann is Principal Investigator and Project Manager in Reliability and Statistics at Rockwell International's Science Center, where she has worked since 1975. Previously she was a Member of the Technical Staff and Senior Scientist at the Rocketdyne Division of Rockwell International. She holds a Master of Arts Degree in Mathematics and a Ph.D. in Biostatistics from UCLA. An Elected Fellow of the American Statistical Association, she has been involved in numerous Association activities over the past ten years. In 1970-71, she served as President of our Southern California Chapter. Dr. Mann has published numerous journal articles on statistics and reliability and co-authored the book Methods for Statistical Analysis of Reliability and Life Data.

(continued on Page 3)

DECEMBER MEETING ANNOUNCEMENT

WHEN: Thursday, December 1, 1977

6:00 P.M. - Cocktails

7:00 P.M. - Dinner

8:00 P.M. - Speaker

WHERE: Rodger Young Center
936 W. Washington Blvd.
Los Angeles, California

PRICE: \$7.00
\$5.00 for full-time students

FOR RESERVATIONS, contact

Dennis Aaron
(213) 451-7354
Reservations should be received
by Tuesday, November 29.

COMING CHAPTER EVENTS

Dec. 10 - Annual Holiday Party

Jan. 26 - Regular Chapter Meeting at Rodger Young Center. Dr. Carl Morris of the Rand Corporation will speak regarding Stein's Paradox.

Feb. 23 - Career Day. Make plans now to spend a morning or afternoon with a student interested in a career in statistics.

LOCAL ARRANGEMENTS COMMITTEE FOR 1978 ANNUAL MEETING OF JOINT STATISTICAL SOCIETIES

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	Miss Carol Jaeger	(714) 487-2457
	Mr. Aquilo R. Lipscomb	(714) 454-3015
	Dr. David B. Osteyee	(714) 225-2060 (714) 225-2208

* Note correction to last month's newsletter.

NOMINATION OF CHAPTER OFFICERS

It is time to begin thinking about the annual election of Chapter Officers. If you would like to nominate someone or are interested in running for office yourself, please contact:

Dennis Aaron
3525 Rosewood
Los Angeles, CA 90066

NANCY MANN TO SPEAK
(Continued from Page 1)

The following is an abstract of Dr. Mann's talk:

The speaker will first briefly describe the idea behind generation of life-test data (e.g., times to failure) and the general approach to analyze "time-to-failure" data in an individual alcoholic, or certain groups of alcoholics. Here, time-to-failure is defined as the period between detoxification (drying out) and the first drink that leads to a subsequent detoxification. From the analysis of the failure data, inferences can be drawn concerning what constitutes a treatment effect for a given subject, if and when an individual might have experienced a treatment effect in the past, whether or not willpower alone is effective in maintaining his or her sobriety, etc. One can also characterize groups of alcoholics in terms of their failure patterns. The methodology is one that offers promise for evaluation of diverse treatment modalities and identification of therapies that have been successful in producing treatment effects.

CHAPTER HOLIDAY PARTY

WHEN: Saturday, December 10
7:00 P.M.

WHERE: Stan Azen Residence
5861 Locksley Place
Hollywood, California

PRICE: \$5.00 per person

Join your associates for a holiday party with plenty of food and good cheer. There will be a catered buffet of Italian delicacies and a reasonably priced no-host bar.

For reservations, send check or money order payable to ASA together with the attached form to Peter Mundle, Chapter Treasurer. Reservations must be received no later than Monday, December 5.

SEASON'S GREETINGS

HOLIDAY PARTY RESERVATION

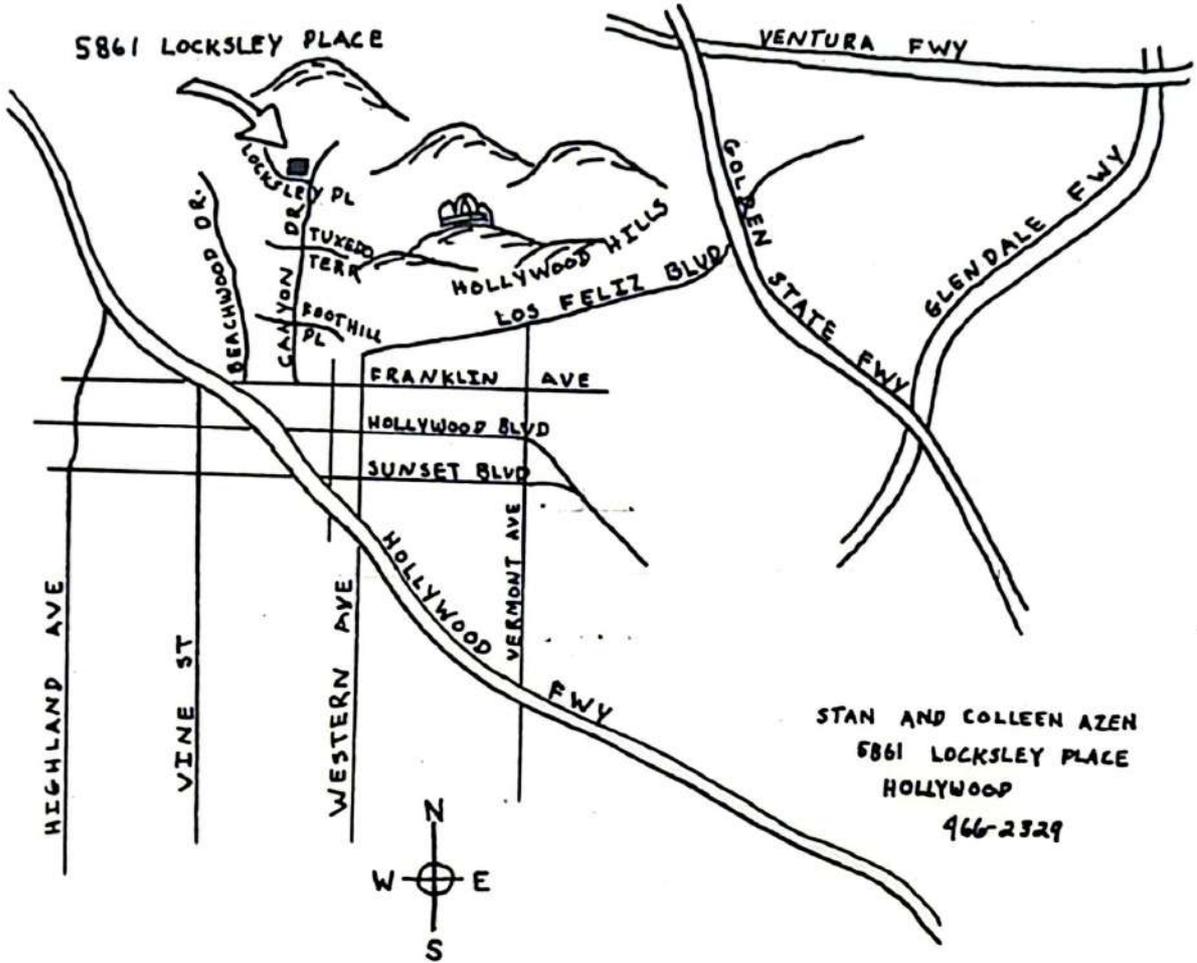
I plan to attend the Chapter Holiday Party on December 10. The enclosed check for \$ _____ is prepayment for myself and _____ guests.

Name _____

Phone _____

Make checks payable to ASA. Send to

Peter Mundle
4017 Via Marina
Marina del Rey, CA 90291



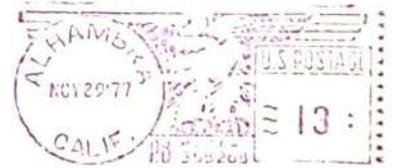
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DIRECTIONS TO CHAPTER HOLIDAY PARTY

SOUTHERN CALIFORNIA CHAPTER

American Statistical Association

626 NORTH GARFIELD AVENUE
ALHAMBRA, CALIF. 91802



ASA 6-77
Dr. Robert L. Newcomb
School of Social Sciences
University of California
Irvine, CA 92717

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