



# The Southern California STATISTICIAN

✧ Meeting Memo and Newsletter ✧

Vol 17 No 4

Southern California Chapter American Statistical Assn

January 1980

## January Meeting Announcement

Los Angeles/San Diego

**WHO:** Benjamin W. Zweifach  
Professor of Bioengineering  
UC at San Diego

**TOPIC:** "Image Processing of Small Blood  
Vessel Patterns in Patients  
with Diabetes"

**WHEN:** Thursday, January 24, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

**PRICE:** \$9.00  
\$6.00 for full time students

**DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge at  
(213) 741-4480 or Robert Newcomb  
(714) 833-6251 by Friday, January 21.

**WHERE:** UC at Irvine (attached map)  
University Club (#37)

Professor Zweifach has been Associate Professor of Physiology at Cornell University Medical College, Associate Professor of Biology at New York University, and Professor of Pathology at New York University School of Medicine. He has been a Visiting Professor at the California Institute of Technology. He has published numerous articles in such journals as Microcirculation, Microvascular Research, American Journal of Physiology, and Circulation Research.

His talk will be on the new and highly successful test for detecting diabetes. This new testing procedure was developed under his direction. The test combines photography and computerized analysis focussing on small changes in the small blood vessels in the white of the eye. Computer techniques were developed by UCSD's Visibility Laboratory and the Jet Propulsion Laboratory to scan eye photographs. The test can also monitor the disease and provide a yardstick for the success of treatment.

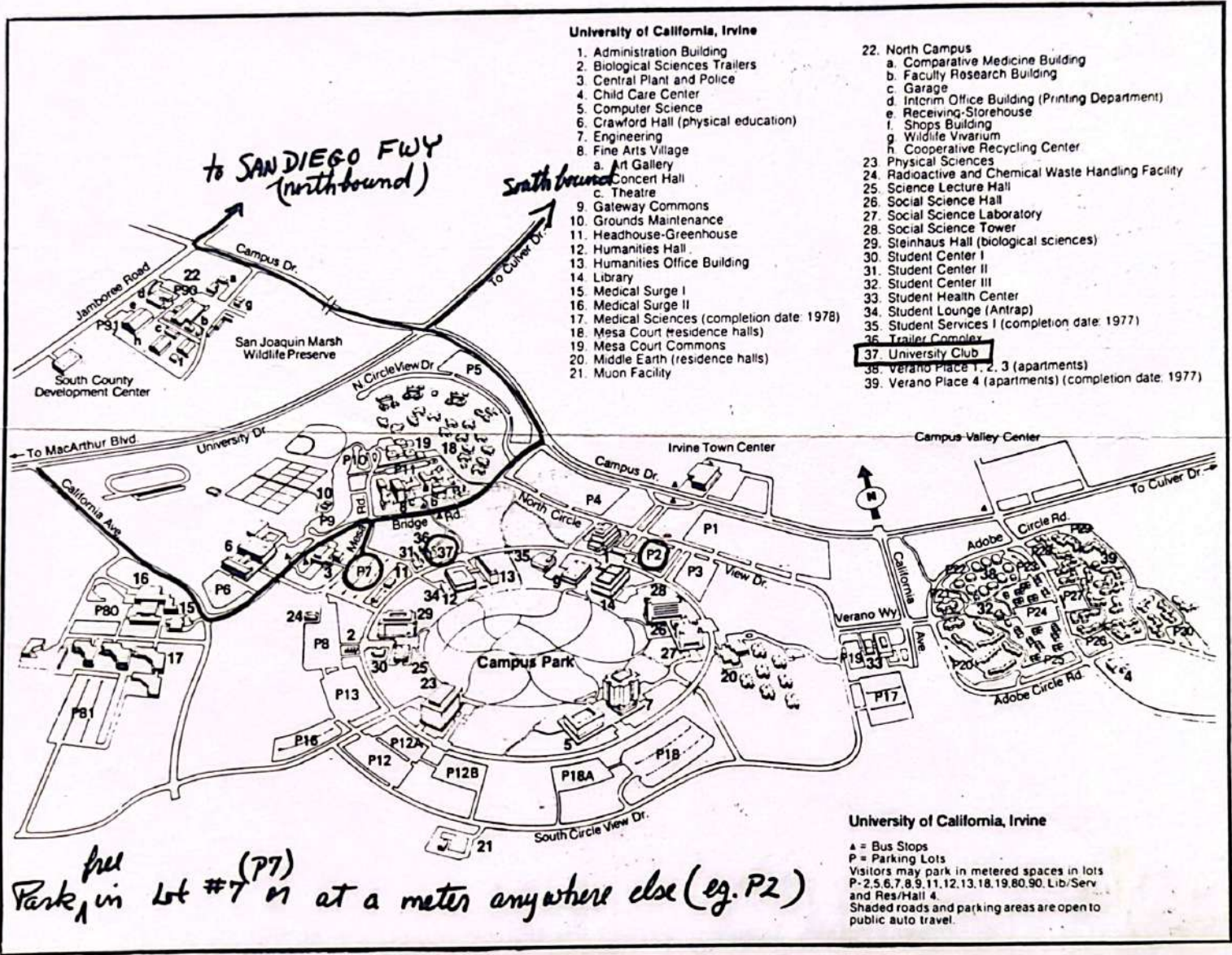
### The Speaker and His Topic

Benjamin W. Zweifach is Professor of Bioengineering at the University of California at San Diego.

Professor Zweifach holds a BS degree from the College of City of New York, an MS degree from New York University, and a Ph.D. from New York University Medical Center. He was the Christian A. Herter Research Fellow in Physiology at New York University College of Medicine. He was also the Charlton Research Fellow at Tufts College Medical School.

The Department of Management Science at California State University, Northridge seeks persons doctorally qualified in operations research, production and operations management, statistics or related fields as part time faculty. Preference will be given to those with previous teaching experience. Address inquiries to:

Dr. John R. Miller  
Management Science Department  
California State University  
Northridge, CA 91330



SOUTHERN CALIFORNIA CHAPTER

# American Statistical Association

Dr. Wallace Blischke  
 5401 Katherine Avenue  
 Van Nuys, CA 91401





# The Southern California STATISTICIAN

✱ Meeting Memo and Newsletter ✱

Vol 17 No 5

Southern California Chapter American Statistical Assn

February 1980

## February Meeting Announcement

Los Angeles

### The Speaker and Her Topic

**WHO:** Janet D. Elashoff  
Research Statistician  
Department of Medicine  
UCLA Center for Ulcer Research  
and Education (CURE)

Dr. Janet D. Elashoff has been Research Statistician in the Department of Medicine at the UCLA Center for Ulcer Research and Education (CURE) since 1977. She was an Associate Research Statistician there, from 1975 to 1977.

**TOPIC:** "Robust Potency Limits for a Repeated Measures Bioassay"

**WHEN:** Thursday, February 28, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

Dr. Elashoff holds a B.S. degree from Stanford University, and a Ph.D. from Harvard University. She has been a Teaching Fellow in Statistics and a Visiting Professor in Statistics at Harvard. She was also a Research Associate for Anesthesia and Assistant Professor of Education and Statistics at Stanford. She served as Assistant Professor in School of Education and Administrative Head of Methodology Unit in the Stanford Center for Research and Development in Teaching, and was Statistical Advisor at the Center for Advanced Study in Behavioral Sciences.

**PRICE:** \$9.00  
\$6.00 for full time students

**DINNER RESERVATIONS:** Please place your reservations with Bruce Hodge at 741-4480 by Friday, February 22.

**WHERE:** UCLA Faculty Center  
Redwood Room  
Off Hilgard and Westholme  
Avenues - Parking in structure  
#2 for \$1.00.

Dr. Elashoff is a member of Phi Beta Kappa. She received the Palmer O. Johnson award in 1971. She became a Fellow of the American Statistical Association in 1978. She also belongs to the Biometric Society, the Institute of Mathematical Statistics, the American Association for the Advancement of Science, and the Society for Clinical Trials. She currently is serving as Associate Editor of The Journal of Educational Statistics. She has published numerous articles in such journals as Biometrika, Clinical Pharmacology and Therapeutics, Psychometrika, American Statistical Association Proceedings, Journal of the American Statistical Association, Journal of Applied

### Career Day

The Southern California Chapter of ASA will hold its annual Career Day activities on April 24, 1980. After student visits to offices and laboratories, we will hold our regular chapter evening meeting at UCLA. For more information contact Lou Ann McAdams at (213) 937-2380 ext. 264.

Behavior Analysis, Applied Statistics, and Gastroenterology. She has also published various book chapters as well as the monograph The Analysis of Repeated Measures Designs.

Her talk will be on estimating the relative potency of two drugs. This relative potency may be estimated from a small experiment in which all K doses of each drug are given at one testing session in order of increasing dose level to each animal. "Fiducial limits are often estimated using Fieller's theorem with the  $(2K-1) (n-1)$  degree of freedom error term

from a two-way analysis of variance. Monte Carlo results indicate that this method can yield limits which are far too narrow in the presence of serial correlation between successive doses. Two alternative methods for estimation of confidence limits prove to behave well across the models investigated."

### Next Chapter Meeting

Our next chapter meeting will be held on Thursday, March 27, 1980 at the USC Faculty Center. It will be our joint meeting with ORSA and TIMS.

SOUTHERN CALIFORNIA CHAPTER

# American Statistical Association

Dr. Wallace Blischke  
5401 Katherine Avenue  
Van Nuys, CA 91401



# The Southern California STATISTICIAN



✧ Meeting Memo and Newsletter ✧

Vol 17 No 6

Southern California Chapter American Statistical Assn

March 1980

## March Meeting Announcement

Los Angeles-SCASA, ORSA, and TIMS

**WHO:** Michael Flynn  
Senior Economist  
Data Resources Incorporated

**TITLE:** "How to Build a Macro  
Econometric Forecasting Model  
of the U.S. and Make a  
Million Dollars"

**WHEN:** Thursday, March 27, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

**PRICE:** \$9.00  
\$6.00 for full time students

**DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge at  
741-4480 by Friday, March 21.

**WHERE:** USC Faculty Center  
645 W. Exposition Blvd.  
(entrance on Figueroa)  
(213) 741-6661  
\$1.50 Parking Fee

### The Speaker and His Topic

Dr. Michael Flynn received his B.A. from the University of California at Berkeley, and his Ph.D. in Economics from the Massachusetts Institute of Technology. He was an instructor in economics at Wellesley and at the University of Massachusetts in Boston from 1974 through 1976. From 1976 until now he has been with Data Resources Incorporated, where he is Senior Economist.

His talk will consider Macro Econometric Forecasting Models. This will include the architecture of the Economic Forecasting Model and the statistical techniques used in building it. He will also discuss the evolution of Macro Economic Theory including what kinds of change these have induced on the models. He will summarize the practical art of using the model to do forecasts. This often involves much political and economic judgement as well as the data derived from the mathematical equations.

Continued on back...





# The Southern California STATISTICIAN

❖ Meeting Memo and Newsletter ❖

Vol 17 No 8 Southern California Chapter American Statistical Association

May 1980

## May Meeting Announcement

Los Angeles

**WHO:** William G. Cumberland  
Assistant Professor of Biostatistics  
UCLA School of Public Health

**TOPIC:** "An Empirical Study of the Ratio  
Estimator and Estimates of Its  
Variance in Finite Population  
Sampling"

**WHEN:** Thursday, May 22, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

**PRICE:** \$9.00  
\$6.00 for full time students

**DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge at  
741-4480 by Monday, May 19.

**WHERE:** USC Faculty Center  
645 W. Exposition Blvd.  
(entrance on Figueroa)  
(213) 741-6661  
\$1.50 Parking Fee

### Next Chapter Meeting

Our next chapter meeting will be held  
on Thursday, June 26, 1980 in Chinatown.  
Dr. Arthur Laffer of USC will be our  
speaker. Directions and information will be  
in the next newsletter.

### The Speaker and His Topic

Dr. William G. Cumberland has been  
an Assistant Professor of Biostatistics in the  
Department of Public Health of the  
University of California at Los Angeles  
since 1976.

Dr. Cumberland holds a B.S. degree  
in mathematics from McGill University, and  
an M.S. and Ph.D. in statistics from Johns  
Hopkins University. He was a Post-  
Doctoral Fellow in the Department of  
Population Dynamics at Johns Hopkins.  
His experience includes being a Research  
Assistant for the National Demographic  
Survey of Afghanistan in 1975 and serving  
as a Consultant for the National  
Nutritional Surveys of Lesotho, Cameroon  
and Sierra Leone from 1976 through 1978.

Dr. Cumberland was a National  
Scholar at McGill University, and was the  
recipient of a National Science Foundation  
Grant to study prediction models in sampling.  
He is a member of the Biometrics Society,  
the Institute of Mathematical Statistics, the  
American Statistical Association, the  
Population Association of America, and the  
American Association for the Advancement  
of Science. He has published articles in the  
Journal of the American Statistical Association,  
in the Theory of Population Biology, and in  
the Symposium on Survey Sampling and  
Measurement. His talk will be on the ratio  
estimator and estimates of its variance in  
finite population sampling.

## Student Paper Competition

The Southern California Chapter of the American Statistical Association will sponsor its annual student paper prize competition. There will be two categories of competition: undergraduate and graduate. Papers may address either theoretical or applied problems in statistics.

Papers will be judged according to the soundness of reasoning, organization of thought, the research design and/or analytical skills used, and the insight into the implications of the results obtained.

The winning paper in each competition will be awarded a cash prize of one hundred dollars.

Papers should be submitted no later than June 10, 1980 to:

Professor Paul Baum  
Department of Management Science  
California State University, Northridge  
Northridge, CA. 91330

(213) 885-2470

## UCLA Business Forecasting Conference June 19, 1980

A panel of economic experts from UCLA, business and government will discuss the prospects for a business recession in 1980 at UCLA from 1:30 p.m. to 5:00 p.m. on Thursday, June 19. The program will include the outlook for inflation, interest rates, property values, construction activity, unemployment, automobile and other retail sales and government tax and spending policies. For more information about the program and registration form call (213) 825-1623 or write UCLA Business Forecast, Graduate School of Management, UCLA, Los Angeles, California 90024. Registration fee is \$35 including forecast materials.

Please check your address label. Mail any corrections to Dr. Wallace Blischke at the address shown. The second line may be blank, but should represent your current affiliation. Students should notify us in the fall of their new addresses. Please include a preferred telephone number. The changes will be made for the September mailing.

SOUTHERN CALIFORNIA CHAPTER

# American Statistical Association

Dr. Wallace Blischke  
5401 Katherine Avenue  
Van Nuys, CA 91401





# The Southern California STATISTICIAN

✧ Meeting Memo and Newsletter ✧

Vol 17 No 9

Southern California Chapter American Statistical Association

June 1980

## June Meeting Announcement

### Los Angeles

- WHO:** Arthur B. Laffer  
Professor of Business Economics  
University of Southern California
- TOPIC:** "Tax Rates and the Location of  
Production by States."
- WHEN:** Thursday, June 26, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker
- PRICE:** \$10.00 (includes tax and tip)  
\$ 6.00 for full time students
- DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge at  
741-4480 by Monday, June 23.
- WHERE:** Miriwa Restaurant, Chinatown  
750 North Hill Street  
Los Angeles, California  
(213) 687-3088  
The restaurant is between Broadway  
and Hill, and Ord and Alpine Streets.  
Validated parking is available in the  
Plaza next to the restaurant.

### Next Chapter Meeting

Our next chapter meeting will be held  
on Thursday, September 25, 1980. Dr. William  
Shonick of the UCLA School of Public Health will  
be our speaker.

### The Speaker and His Topic

Arthur B. Laffer is the Charles B. Thornton  
Professor of Business Economics and has been a  
Full Professor of Business Economics at the  
University of Southern California since September  
1976.

Dr. Laffer holds a B.A. degree in Economics  
from Yale University (1963), prior to which he also  
attended the University of Munich, Germany. He  
received an M.B.A. (1965) and a Ph.D. in Economics  
(1972) from Stanford University. He was Associate  
Professor of Business Economics at the University  
of Chicago from 1970 to 1976. He is the recipient  
of the Commerce Associates Dean's Faculty  
Award for 1979, the John J. Rhezerich American-  
ism Award for 1979, and the 1979 Daniel Webster  
Award of the International Platform Association.  
From 1967 to 1968, Dr. Laffer was a Research  
Associate at the Brookings Institution.

Dr. Laffer currently is a member of the  
Los Angeles Times Board of Economists,  
Director of the University of Southern California  
Center for the Study of Private Enterprise, a  
Member of the Policy Committee and the Board  
of Directors of the American Council for Capital  
Formation (Washington, D.C.), and Editor of the  
Marcel Dekker, Inc. series on Economics,  
Finance, and Business. He co-chaired the Uni-  
versity of Chicago - First National Bank of  
Chicago Conference on World Economic Stabi-  
lization with Eugene A. Birnbaum. During the  
years 1972-1977, he was a consultant to the  
Secretaries of Treasury and Defense and was

Please check your address label. Mail any corrections to Dr. Wallace Blischke at the address shown. The second line may be blank, but should represent your current affiliation. Students should notify us in the fall of their new addresses. Please include a preferred telephone number. The changes will be made for the September mailing.

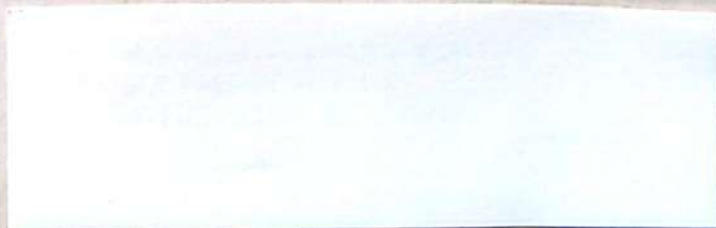
### The Speaker and His Topic (con't.)

associated with the editorial page of the Wall Street Journal. He has published numerous articles in the Los Angeles Times, the New York Times, the Wall Street Journal, The Economist, Energy Management, Financial Management, the Journal of Monetary Economics, and numerous others as well as several books and book reviews. He is well known for his theoretical work on the Kemp-Roth tax cut bill. His talk will be on tax rates and the location of production by states.

SOUTHERN CALIFORNIA CHAPTER

# American Statistical Association

Dr. Wallace Blischke  
5401 Katherine Avenue  
Van Nuys, CA 91401





# The Southern California STATISTICIAN

✧ Meeting Memo and Newsletter ✧

Southern California Chapter American Statistical Association

Sept 1980

## September Meeting Announcement

**WHO:** William Shonick  
Professor of Public Health  
UCLA School of Public Health

**TOPIC:** Decomposition of a Change in  
a Quantity That is a Product

**WHEN:** Thursday, September 25, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

**PRICE:** \$9.00  
\$6.00 - full time students

**DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge  
at 741-4480 by Tuesday,  
September 23.

**WHERE:** USC Faculty Center  
645 W. Exposition Blvd. 2  
(Entrance on Fugueroa)  
(213) 741-6661  
\$1.50 Parking Fee

### Next Chapter Meeting

Our next chapter meeting will be held  
on Thursday, October 23 at the UCLA  
Faculty Center.

### Payment of Dues

All members are encouraged to pay their  
chapter dues for the current year as  
soon as possible.

### 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 Dr., Irvine CA 92714.

### The Speaker and His Topic

Dr. William Shonick is Professor of Public  
Health in the Division of Health Sciences  
of The University of California, Los Angeles.

Dr. Shonick holds a B.S. in Social Science  
from the College of The City of New York,  
an M.A. in Education from George Washington  
University, and a PhD. in Biostatistics from  
UCLA. He has also served on the faculty at  
New York University and USC. His experience  
includes being a consultant for the Veterans  
Administration, The Department of Health  
Services of the County of Los Angeles, The  
Hospital Council of Southern California, and  
The California Department of Public Health.

He is a member of the American Economic  
Association, The American Public Health  
Association, The American Statistical Ass-  
ociation, and the Biometric Society. He  
has published in the Journal of the American  
Statistical Association, Medical Care, Oper-  
ations Research Journal, International Journal,  
International Journal of Health Services. He  
has published a number of technical reports  
and has presented several papers before various  
professional societies.

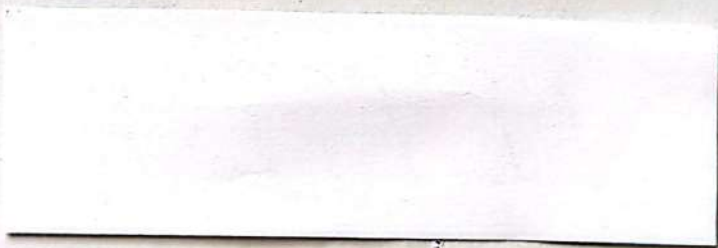
A brief abstract of Dr. Shonick's presentation  
follows:

Consider a variable,  $C$ , that is the product of  
two variables,  $P$  and  $Q$ , i.e.  $C=PQ$ . If the  
variable  $C$  undergoes a change,  $\Delta C$  to become  $C'$ ,  
so that  $C'=C + \Delta C$ , then the change is due to  
some change in  $P$ , ( $\Delta P$ ), or in  $Q$  ( $\Delta Q$ ). If both  
 $P$  and  $Q$  have changed, how much of the change in  
 $C$  ( $\Delta C$ ) can be "attributed to  $\Delta P$  and how much to  
 $\Delta Q$ ? This question is specifically considered  
with respect to applications to the analysis of  
hospital costs.

SOUTHERN CALIFORNIA CHAPTER

# American Statistical Association

Rebecca Riggs  
8 Woodland Dr.  
Irvine, CA 92714



## Los Angeles Area Meeting Dates

September 25  
October 23  
December 4  
January 22  
February 26  
March 26  
April 23  
May 28  
June 25

The San Diego Area Meeting dates will  
be announced in a future newsletter.



# 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 Laconte, 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.

---

### 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.

# The Southern California STATISTICIAN



✧ Meeting Memo and Newsletter ✧

Vol 18 No 3 Southern California Chapter American Statistical Association Nov - Dec 1980

## NOVEMBER-DECEMBER MEETING ANNOUNCEMENT

### LOS ANGELES

- WHO:** Arnold Court  
Professor of Climatology  
California State University,  
Northridge
- TOPIC:** "Statistical Procedures in  
Climatology"
- WHEN:** Thursday, December 4, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker
- PRICE:** \$9.25  
\$6.00 for full time students
- DINNER RESERVATIONS:** Please place your  
reservations with Bruce Hodge at  
(213) 741-4480 by Tuesday, Dec. 2.
- 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 Leconte, then left on  
Hilgard to Westholme. Parking is in  
Structure #2 directly opposite the  
Faculty Center.

### UPCOMING MEETINGS

- LOS ANGELES:** Our January 22, 1981 meeting  
will be held at the University of  
California, Irvine Faculty Center.
- SAN DIEGO:** The next San Diego meeting will  
be held March 26, 1981. Location  
will be announced in the next news-  
letter.

### The Speaker and His Topic

ARNOLD COURT, Professor of Climatology  
at California State University, Northridge,  
is a recognized authority in many fields of  
climatology and related aspects of meteor-  
ology, hydrology and statistics. Among his  
numerous published scientific papers are  
reports of research in Antarctic meteorology,  
glacier temperature, weather modification  
evaluation, and statistical aspects of winds.

Professor Court has held numerous posts,  
including: Observer and Meteorologist for the  
Weather Bureau, Research Hydrologist for the  
U.S. Forest Service, Chief of the Applied  
Climatology Branch of the U.S. Air Force  
Cambridge Research Laboratories, and Research  
Scientist at the Lockheed-California Company.

Professor Court is a Fellow of the  
American Meteorological Society and an  
associate editor of its Journal of Applied  
Meteorology, President of the Association  
of Pacific Coast Geographers, and a Trustee  
of the Weather Modification Association.  
Other affiliations include Royal (British)  
(continued on next page)

### TRANSPORTATION

This column is being started in order to  
provide information for those members inter-  
ested in carpooling to meetings. If you have  
a ride to offer, please contact Pat Grantham  
at 5612 Verano Place, Irvine, CA 92715, or  
Rebecca Riggs at 8 Woodland, Irvine, CA  
92714, or speak to us at the next meeting.

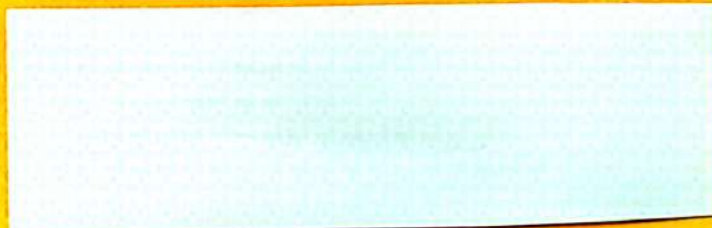
Transportation is available in the  
following areas:

**IRVINE:** For information call (714) 833-5979

**RIVERSIDE:** For information call (714) 787-3776

# American Statistical Association

Rebecca Riggs  
8 Woodland Dr.  
Irvine, CA 92714



## Speaker (continued)

Meteorological Society, American Statistical Association, and Association of American Geographers. He received a special Congressional Medal of Honor for service on the U.S. Antarctic Service Expedition of 1939-1941.

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

Climatology, with an almost infinite supply of numerical values of many kinds, has long been a developer and user of statistical procedures of ever-increasing complexity, and a foremost initiator of graphic methods. Climatic problems were prominent in development of statistical methods for analyzing extreme values, circular variables, and time series. Still unsatisfactory, and needing further study, is the handling of absolute values, specifically absolute departures from the mean or median and mean absolute successive differences. Graphic representations of various kinds are prominent in climatology; a nine-fold classification of cartesian diagrams can be based on the nature of the two co-ordinates. Examples of such diagrams, and some principles of graphics, will be presented.

## OCTOBER MEETING NOTES

We had a good turnout for the October meeting to hear Nancy Mann speak. Especially prominent were the many new faces from U.C. Riverside. They actually outnumbered the U.C. Irvine group! Hope to see them again at the upcoming meetings.

## EMPLOYMENT OPPORTUNITIES

Another new feature of the Newsletter is the publication of employment opportunities in the area. If you have information on opportunities for jobs, internships, or other types of positions, send it to Pat Grantham, 5612 Verano Place, Irvine, CA 92715, or to Rebecca Riggs, 8 Woodland, Irvine, CA 92714.

**JUNIOR FACULTY POSITIONS:** UC Riverside, Dept. of Statistics. Two positions - one tenure track; one temporary. Ph.D in Statistics is preferred. For more information call:  
UC Riverside Dept. of Statistics,  
(714) 787-3774, or  
Professor D. V. Gokhale,  
(714) 787-5908.

## 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

## UPCOMING MEETINGS

Los Angeles Area  
January 22 -  
UC Irvine  
February 26 -  
UC Riverside

San Diego Area  
March 26