



The Southern California STATISTICIAN

❖ Meeting Memo and Newsletter ❖

Vol 19 No 4 SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION February 1982

FEBRUARY MEETING ANNOUNCEMENT

WHO: Philip Lesser
Chairman, Economics Department
University of Redlands

TOPIC: "Stockman's Econometric Model:
Fact or Fantasy?"

WHEN: Thursday, February 25, 1982
6:00 P.M. - Social Hour
7:00 P.M. - Dinner
8:00 P.M. - Speaker

PRICE: \$9.25
\$7.50 for full-time students

DINNER RESERVATIONS: Please place your
reservations by Tuesday, Feb. 23rd,
at one of the following numbers:
LOS ANGELES AREA: Bruce Hodge,
(213) 741-4875
RIVERSIDE AREA: Virginia Broach,
(714) 787-3776

DIRECTIONS: FROM LOS ANGELES: Take Rte. 60
directly to UC Riverside. Exit on
the University offramp.
FROM ORANGE COUNTY: Take Rte. 91 to
the Rte. 60 I/15 offramp. Exit on
the University offramp from Rte. 60.
NOTE: DO NOT TAKE the University
offramp from Rte. 91.
FROM SAN DIEGO: Take Rte. 395 to
Riverside. Exit on the University
Avenue offramp.

THE SPEAKER AND HIS TOPIC

PHILIP LESSER received his Ph.D. from the London School of Economics. He is currently Professor and Chairman of the Economics Department at the University of the Redlands. At the present, he is co-authoring a book with John Elliot of the University of Southern California. The book is on the topic of statistically comparing various national economies. Professor Lesser is currently engaged in the writing of an article which draws parallels between Reaganomics and Thatcherism.

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

A look is taken at the changing assumptions and conclusions of David Stockman's economic model. The performance of Reagan's economic program during its first year, with reference to the forecasts made by the Office of Management and Budget will be reviewed. There will also be a discussion of why the forecasts have not conformed with reality.

SAN DIEGO MEETING PLANNED FOR MARCH 12

The San Diego wing of the Chapter is planning to present a dinner program on Friday, March 12, at 6:30 P.M. Professor Te C. Hu, of the Department of Electrical Engineering and Computer Sciences at the University of California, San Diego, will be the evening's speaker.

Also, a brief business meeting will be held, where plans for future meetings will be discussed. Once the location for the meeting has been confirmed, Chapter members in and around San Diego will be contacted by telephone. In the meantime, more information can be obtained from Eugene Sibbald by calling (714) 263-3216.

1982 CAREERS IN STATISTICS

CAREER DAY is the Chapter's annual event that gives students the opportunity to explore the various career choices that are available in the field of Statistics.

STUDENTS: If you are interested in participating in this year's Career Day events, please contact your campus Career Center, or write to the Chapter Secretary Rebecca Riggs at the address shown below.

HOSTS WANTED: If you are a professional statistician who would like to host a student visit at your place of employment, please contact Rebecca Riggs at the address shown below.

More information on Career Day will be appearing in upcoming editions of the Newsletter.

CAREER OPPORTUNITIES

The Newsletter is an excellent medium for advertising career opportunities that are available. The Newsletter reaches about 900 persons who are actively involved in the statistical profession.

If you know of any career opportunities in statistics, please send a brief description to the Newsletter Editor:

Pat Grantham
5612 Verano Place
Irvine, CA 92715

WORKSHOP IN APPLIED STATISTICS: WHAT'S NEW

Enclosed with this month's newsletter is an announcement of a one-day workshop in applied statistics that is being presented by the Chapter.

We hope you will encourage your professional colleagues to join you in attending what we believe will be an outstanding event.

Please feel free to make as many copies of the announcement as you wish, and distribute them to your colleagues who might be interested in attending the event. Additional announcements are available from the Chapter Secretary, Rebecca Riggs, at the address shown below.

NO, YOU DID NOT MISS LAST MONTH'S NEWSLETTER

Due to various circumstances beyond our control, last month's meeting was not held and for the first time in recent Chapter history, the monthly Newsletter was not printed. As your Editor tried to find something positive in these events it occurred to her that perhaps someone had not sent in the 1981-82 Chapter dues before last month, and the missing Newsletter may have reminded them to do so. If that is true, then some good may have come from the absence of the Newsletter!

SOUTHERN CALIFORNIA CHAPTER

**American
Statistical
Association**

MEMBERSHIP
STAFF
OFFICERS





The Southern California STATISTICIAN

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Vol 19 No 5

SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION

March 1982

MARCH MEETING ANNOUNCEMENT

JOINT ORSA/TIMS MEETING

WHO: Michael R. Chernick
The Aerospace Corporation
El Segundo, CA

TOPIC: Outlier Detection, Data Editing
and Influence Functions

WHEN: Thursday, March 25, 1982
6:00 P.M. - Social Hour
7:00 P.M. - Dinner
8:00 P.M. - Speaker

WHERE: USC Faculty Club
USC Campus

PRICE: \$10.00 - Regular members
\$ 8.50 - Full time students &
Retired persons

DINNER RESERVATIONS: Please place your
reservations by Tuesday,
March 23 at one of the following
numbers:
LOS ANGELES (213) 741-4370
(Bruce Hodge)
ORANGE COUNTY (714) 833-5979
(Bob Newcomb)

THE SPEAKER AND HIS TOPIC

MICHAEL CHERNICK received his Ph.D. in Statistics from Stanford in 1978. He is currently employed as a mathematical statistician with The Aerospace Corporation. An abstract of his talk follows:

In this presentation the problems of outlier detection and data editing are addressed for univariate and multivariate data sets. Hampel's influence function, which has been used in recent years for evaluating robust estimators, detecting outliers, computing asymptotic variances for estimators and for hypothesis testing, is applied in the case of bivariate correlation, the autocorrelation function of a time series, the multiple correlation coefficient, and regression parameters for the purpose of detecting outliers. These influence functions can also be used for the purpose of replacing outliers or missing observations. This approach is illustrated on the estimation for the mean and variance of a distribution.

The detection and removal or replacement of outliers is particularly important in estimation problems where least squares procedures are used. Consequently it has potential applications in state estimation for satellites, regression problems and Box Jenkins time series modelling. Applications to the validation of energy data and the detection of potential thefts of nuclear materials are also given.

TIMS Meeting Announcement

Stephen R. Childs will speak on April 15 at the TIMS meeting at the Lobster House, Marina Del Rey, 7:30 P.M. His talk will be on the specification and estimation of equations to forecast the future costs of commodities. Mr. Childs is a senior product consultant with Data Resources. The cost of dinner is \$12.50. For more information contact Rich Gunther-885-2470.

APRIL MEETING ANNOUNCEMENT

LOS ANGELES AREA MTG
CAREER DAYS

The panel will address the topic of the day.

PANEL

WILFRID DIXON - Professor
in Dept. of Biomathematics at UCLA
Moderator

ORVILLE ALLEN - Engineering specialist in
the Space Systems Group at Rockwell
Internat'l

JUDY FAUCETT - VP in the Actuarial Dept.
at Pacific Mutual

DOROTHY COREY - President of FACTS
CONSOLIDATED

TOPIC: Careers in Statistics
WHERE: UCLA Faculty Center
WHEN: Tuesday, April 27
6:00 Cocktails
7:00 Dinner
8:00 Panel Discussion
PRICE: \$9.00 - Regular members
\$7.00 - Students

For reservations call Bruce Hodge (213) 741-
4370 Bob Newcomb (714) 833-5979
BY FRIDAY APRIL 23rd

CAREER DAYS - A LAST MINUTE
INVITATION TO STUDENTS

Students who have not yet registered for site
visits during Career Day contact Janet
Williams (714) 833-5424 or 833-5503 or
Bob Newcomb (714) 833-5979 by Friday 23 April.

SAN DIEGO AREA MEETING

WHERE: Copper Skillet, 877 Hornblend Street
in Pacific Beach, CA.
WHEN: Friday May 21st 1982
PRICE: \$6 to \$10
TIME: 5:30 No host cocktails
6:30 Dinner
7:30 Speaker

For more information call Eugene Sibbald at
(714) 263-3216 (h)
560-4921 X49 (w)

IAN ABRAMSON came to Berkeley from the Univer-
sity of the Witwatersrand, Johannesburg in
1977, and received his Ph.D. under Peter Bickel
in 1981. He was appointed Assistant Professor
in Mathematics at U.C. San Diego, and his
primary area of interest in Statistics is
density estimation and nonparametric data
analysis. An abstract of his talk follows:

BANDWIDTH VARIATION AND METRIC DISTORTION
FOR ADAPTIVE DENSITY ESTIMATES

Bias problems are a headache in density esti-
mation and allied areas, particularly in high
dimensional problems. If mean squared error
is the criterion adopted, the need to balance
squared bias against variance puts a dis-
appointing ceiling on the quality available
from the estimate. Bandwidth variation is a
bias reducing technique, which in the context
of usual kernel estimates say, indicates a
dependence of bandwidths across the sample
on the local clustering of points near that
contribution in accordance with a certain
'square root law.' Metric distortion is the
analog of the idea for nearest neighbor methods,
which appear to offer easier motivation and
a more natural setting for the problem. The
net effect in either case is to lower bias
to an asymptotically vanishing fraction of
what the classical Rosenblatt-Parzen type
estimators yield, without tampering with the
variance.



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SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION

May 1982

MAY MEETING ANNOUNCEMENT

Los Angeles Area Meeting

WHO: Jeffrey Morris, M.D., Ph.D.

TOPIC: Paternity Testing

WHEN: Thursday, May 27, 1982

PRICE: \$7.00
\$6.00 for full time students

DINNER RESERVATIONS: Please make your dinner reservations by Tuesday, May 25 by calling either Bob Newcomb at (714) 833-5979 or Bruce Hodge at (213) 741-4370

WHERE: UCI, Terrace Restaurant,
Gateway Commons
For directions, see map.

THE SPEAKER AND HIS TOPIC

Jeffrey Morris, M.D., Ph.D., received his Ph.D in Biophysics from UCLA and his M.D. from UCI. He is presently Clinical Assistant Professor of Pathology at UCI School of Medicine. An abstract of Dr. Morris's talk follows:

Paternity testing is based on determination of a number of genetically defined traits (blood types). Inspection of blood types of mother and child permits identification of those factors contributed by the biological father (obligatory genes). An alleged father lacking one or more obligatory genes is excluded. It is a simple matter to calculate the frequency with which the obligatory genes are found in the general population. The complement of this frequency is the power of exclusion, A. Modern methods yield, typically, $A \approx 0.99$. Failure of an alleged father to be excluded by such tests is powerful intuitive evidence that the alleged father is, indeed, the biological father of the child. The genetic evidence (contained in the paternity index, x/y) is combined with the non-genetic evidence (contained in the prior probability) and quantitated by means of formulas of conditional probability (i.e. Bayes Theorem) to yield the likelihood of paternity, W.

As both paternity index and prior probability contain inherent uncertainties in their determinations, W (in common with all functions of experimentally observed parameters) also carries with it an inherent uncertainty. However, if testing has been extensive, this uncertainty does not invalidate such evidence, which is now explicitly admissible in California courts.

CAREER DAY

Career Day was a great success. There were 61 participants from 8 Universities visiting 16 firms. Our thanks to all who helped.

Any suggestions for next year's Career Day would be appreciated and can be sent to: Janet Williams
Math Dept.
University of California
Irvine, CA 92717

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If you are paying Chapter dues to the Chapter (rather than part of the National membership dues) you should pay them for 1982-83 using the enclosed form. These dues should reach us by June 30, 1982. Due to the high cost of postage and printing we will be forced to drop those people who decide not to pay dues.



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Vol 19 No 8

SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION

June 1982

JUNE MEETING ANNOUNCEMENT

WHO: Don Korsgaard
Tom Valvo

ISSCO GRAPHICS

TOPIC: Computer Graphics: Choosing the
Right Chart

WHEN: TUESDAY: June 29, 1982

WHERE: Velvet Turtle
708 N. Hill Street
China Town - Los Angeles

TIME: 6:00 P.M. - Social Hour
7:00 P.M. - Dinner
8:00 P.M. - Speakers

PRICE: \$10
\$ 7 - full-time students

DINNER RESERVATIONS: Please place your
reservations by Friday, June 25
at one of the following numbers:
LOS ANGELES AREA: Bruce Hodge
(213) 741-4875
ORANGE COUNTY AREA: Bob Newcomb
(714) 833-6251

DUES REMINDER

If you are paying Chapter dues to the
Chapter (rather than part of the National
membership dues) you should pay them for
the 1982-83 year by June 30, 1982. Due
to the high cost of postage and printing
we will be forced to drop those people
who decide not to pay dues.

ABSTRACT

Computer graphics hardware and software tools are now becoming widely available in business and government. But most computer generated graphics tend to be poorly designed and fail to improve insight or communications. This poor design is a direct result of the fact that most computer graphics are prepared by programmers, researchers, managers, or clerical staff, with little or no formal training in graphic design. When faced with a request to "make a chart", they often use the "default" styles and designs available from computer graphics packages. But many of these "defaults" were also developed by programmers who had no graphics design experience.

This presentation is designed to help you choose the right type of chart and the right style for maximum communication value. In short, it is designed to help you avoid bad computer graphics.

FUTURE SPEAKERS FOR CHAPTER MEETINGS

As always the chapter is interested in identifying speakers for future meetings. If you are attending the joint statistical meetings in Cincinnati this August please make a special effort to hear presentations by Southern California statisticians. Your recommendations for speakers should be sent to the Chapter Secretary:

Mary Ann Hill
20544 Seaboard Road
Malibu, CA 90265

1982/83 CHAPTER OFFICERS

PRESIDENT: Bruce Hodge
PRESIDENT-ELECT: Janet Williams
VICE-PRESIDENT, PROFESSIONAL AFFAIRS:
Etan Markowitz
VICE-PRESIDENT, ACADEMIC AFFAIRS:
Herbert C. Rutemiller
SECRETARY: Mary Ann Hill
TREASURER: Randall Hamlin
CHAIR, SAN DIEGO AREA: John Chambers
VICE-CHAIR, SAN DIEGO AREA: Jim Pugh

NOTICE TO STUDENT MEMBERS

As soon as you know your address for next fall, please advise the Chapter Secretary

Mary Ann Hill
20544 Seaboard Road
Malibu, CA 90265



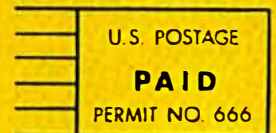
FALL MEETING SCHEDULE

September 23
October 28
December 2

SOUTHERN CALIFORNIA CHAPTER

**American
Statistical
Association**

UNIVERSITY OF CALIFORNIA
School of Social Sciences
Irvine, CA 92717
Robert Newcomb





The Southern California STATISTICIAN

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Vol 20 No 1

SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION

Sept. 1982

SEPT. MEETING ANNOUNCEMENT

LOS ANGELES AREA MEETING

WHO: Dr. Stanley Azen
Professor of Biometry-Dept. of
Family & Preventative Medicine
USC

TOPIC: Issues in Computational Statistics

WHEN: Thursday, Sept. 30, 1982

WHERE: USC Faculty Center

TIME: 6:00 p.m. - Social Hour
7:00 p.m. - Dinner
8:00 p.m. - Speakers

PRICE: \$10.00
\$7.50 Full Time Students

DINNER RESERVATIONS: Please place your
dinner reservations by Monday, Oct. 25, 1982
at one of the following numbers: ORANGE
COUNTY AREA: Bob Newcomb (714) 833-5979 or
833-6806 LOS ANGELES AREA: Mary Ann Hill
(213) 475-5708.

SAN DIEGO AREA MEETING

WHO: David P. Phillips, Ph.D.
Dept. of Sociology
University of California
San Diego

TOPIC: Airplane Accident Fatalities
Increase Just After Newspaper
Stories About Murder-Suicide

WHEN: Friday, Oct. 8, 1982

WHERE: The Board Room
De Sales Hall
Univ. of San Diego

TIME: 7:00 p.m. - Dinner
7:45 - Discussion/Question-Answer

PRICE: \$5.50

Please make checks payable to
Univ. of San Diego Food Service

RESERVATIONS: RSVP by Wednesday, Oct. 6, 1982

ABSTRACT LOS ANGELES

Dr. Azen will discuss some recent work comparing algorithms for estimating regression parameters and missing values in situations where data are missing in a non-random fashion. The algorithms that are compared are those commonly found in computer packaged programs. In addition, Dr. Azen will present improved estimates of the Marquardt parameter in solving unstable nonlinear regression problems. Examples with real biological data will be used.

ABSTRACT SAN DIEGO

Professor Phillips' talk will be drawn in large measure from the article of the same name which appeared in Science Magazine 25 Aug, 1978, Vol 201, pp 748-750. The abstract from that article follows:

Fatal crashes of private, business, and corporate-executive airplanes have increased after publicized murder-suicides. The more publicity given to a murder-suicide, the more crashes occurred. The increase in plane crashes occurred primarily in states where the murder-suicides were publicized. These findings suggest that murder-suicide stories trigger subsequent murder-suicides, some of which are disguised as airplane accidents.

TENTATIVE MEETING DATES

LOS ANGELES AREA:

Oct 28 - Irvine
Dec 2 - Los Angeles
Jan 27 - UCR
Feb 24 - Los Angeles
Mar 24 - Irvine
April 26 - UCLA - Career Day
May 26 - Irvine
June 23 - Los Angeles

SAN DIEGO AREA

Oct 8
Dec 15
Mar 11
Apr 26 - Career Day
May 6

NEWSLETTER MAILING CHANGE

To save mailing costs the Chapter intends to mail most of this year's newsletters by 3rd class mail. Although the cost will be lower, service will be considerably slower. In the event that you do not receive your meeting announcements in a timely fashion, please contact either Mary Ann Hill at (213) 475-5708 or Bob Newcomb at (714) 833-5979/6806. PLEASE MAKE A NOTE OF THIS YEAR'S MEETING DATES.

ADDRESS CORRECTION REQUEST

If the address on your mailing label is incorrect please contact:

Mary Ann Hill
20544 Seaboard Road
Maribu, CA 90265
(213) 475-5708

1983 BUSINESS OUTLOOK CONFERENCE

Each year the LA area Chamber of Commerce sponsors a Business Outlook Conference. This year's Conference will be held on October 21, 1982 at the St. Bonaventure Hotel.* For more information contact:

Los Angeles Area Chamber of Commerce
PO Box 3696, Terminal Annex
Los Angeles, CA 90051

*The luncheon speaker for this day-long conference will be Milton Friedman, Senior Research Fellow, Hoover Institution, Stanford University.

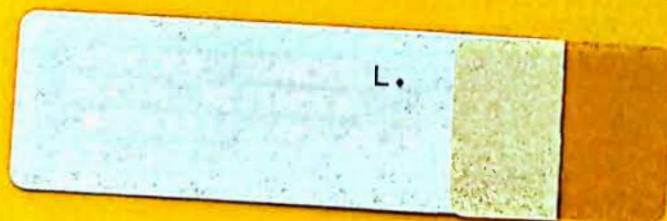
DUES REMINDER

If you are paying Chapter dues to the Chapter (rather than part of the National membership dues) you should pay them for the 1982-83 year by Dec. 31, 1982. Due to the high cost of printing and postage we will be forced to drop those people who decide not to pay.

SOUTHERN CALIFORNIA CHAPTER

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Irvine, CA 92717
Steve Colome





The Southern California STATISTICIAN

* Meeting Memo and Newsletter *

Volume 20 Number 2

SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION Oct. 1982

OCTOBER MEETING ANNOUNCEMENT

LOS ANGELES AREA MEETING

WHO: Ray Schafer
Senior Scientist
Hughes Aircraft
Fullerton

TOPIC: Failure-Free Period Life Tests--
Shorter Life Tests

WHEN: Thursday, October 28, 1982

WHERE: UCI, Terrace Restaurant
Gateway Commons
For directions, see map.

PRICE: \$9.50
\$7.50 for full-time students

TIME: 6:00 p.m. - Social Hour
7:00 p.m. - Dinner
8:00 p.m. - Speaker

DINNER RESERVATIONS:

Please place your dinner reservations by Monday, October 25, 1982 at one of the following numbers:

ORANGE COUNTY AREA:

Bob Newcomb (714) 833-5979 or
833-6806

LOS ANGELES AREA:

Marge Lebsack (BMDP STAT
SOFTWARE)
(213) 475-5700

SAN DIEGO AREA:

John Chambers (714) 291-6480
X4482

ABSTRACT

A failure-free period life test consists of a failure-free period requirement and a total allowed time: If the required period of consecutive failure-free time can be obtained in the allowed total time the test passes.

These tests offer an advantage over the usual fixed length-maximum number of allowed failures life tests in that if mean life is large, the failure-free period life tests have smaller expected time to decision.

The statistical properties of these failure-free period life tests will be discussed and the tests will be compared to the usual fixed length tests.

SPEAKER BIOGRAPHY

- Ph.D., Statistics Case Western Reserve University
- Hughes Aircraft Co. 23 years:
 - Reliability research
 - Reliability project management
 - Section head: Statistical Analysis

CORRECTION

The next San Diego meeting will be held on December 17, 1982. The last newsletter incorrectly indicated that it would be held on December 15. Please correct your calendars.

PLANNING MEETING

Plans are being made for a repeat of last year's successful workshop in Applied Statistics. A planning meeting will be held on October 29, 1982 at 1:00 p.m. at the UCLA Faculty Club where the topic for this year's workshop will be selected. We need input from our membership on what that topic should be and also volunteers to help with the planning and running of this event. For input, volunteering, and to attend contact:

Janet Williams (714) 833-5424
5503 (Messages)

or

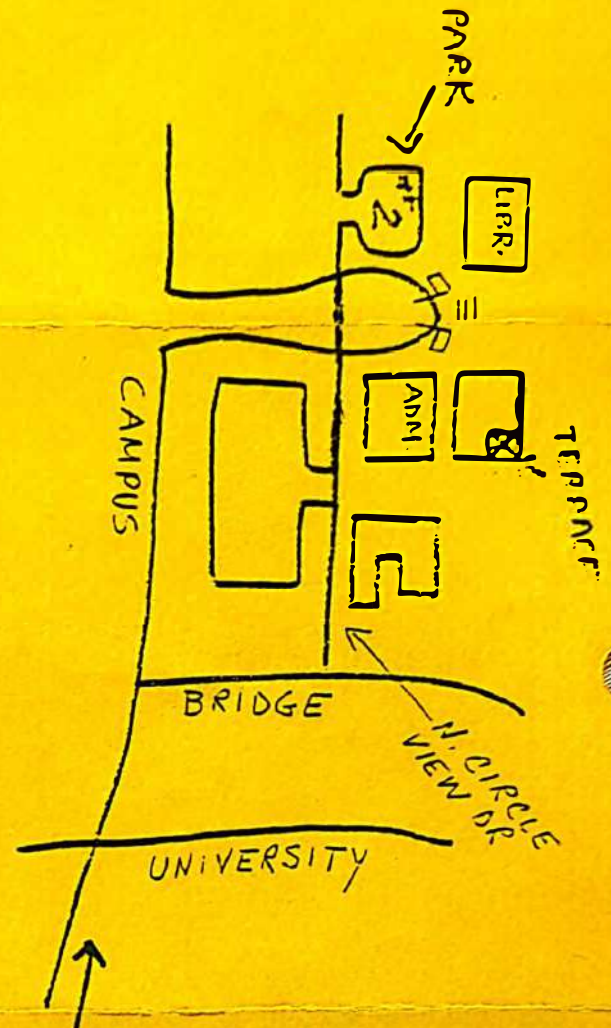
Donald Guthrie (213) 825-0318 or
0532

EMPLOYMENT NOTICES

As a service to employers and chapter members, the Newsletter is inviting employers to submit employment opportunities for statisticians for publication. Because this Newsletter is sent monthly to nearly 900 statisticians and students in the Southern California area it should be a convenient and effective forum for publicizing job opportunities in statistics. Notices should be sent to the Newsletter editor, Steve Colome whose address is listed in this Newsletter.

DIRECTIONS: From Los Angeles - Take the 405 FWY South. Exit on Jamboree Rd., turn right on Jamboree, proceed to Campus Dr. (1 mile). Turn left on Campus Dr. and proceed to Bridge Rd., turn right on Bridge and follow map.

Free Parking in Lot #2



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Steve Colome



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Volume 20 Number 3 SOUTHERN CALIFORNIA CHAPTER AMERICAN STATISTICAL ASSOCIATION Dec. 1982

DECEMBER MEETING ANNOUNCEMENT

LOS ANGELES AREA MEETING

WHO: Keh-Shin Lii
Professor of Statistics
UC Riverside

TOPIC: Fitting NonGaussian ARMA Models

WHEN: Thursday, December 9, 1982

WHERE: UCLA Faculty Center
(Parking fee is \$2.00)

PRICE: \$11.50
\$9.50 for full-time students

TIME: 6:00 p.m. - Social Hour
7:00 p.m. - Dinner
8:00 p.m. - Speaker

THE SPEAKER AND HIS TOPIC

Keh-Shin Lii received the Ph.D. from UCSD in 1975 and has taught in the Mathematics Department at Northwestern University. An abstract of Dr. Lii's talk follows:

Under the usual Gaussian assumption, the second order analysis will not be able to discriminate among competing models which give the same correlation structure in an ARMA model. We will present a method which will consistently identify the order of the ARMA model and estimate the parameters of the model when the process is non-Gaussian. Asymptotic results will be given and a few examples will be presented to illustrate the effectiveness of the method.

SAN DIEGO AREA MEETING

WHO: Clive W. J. Granger
Department of Economics
UC San Diego

TOPIC: Comments on Causality

WHEN: Friday, December 17, 1982

WHERE: University of San Diego, The Board Rm.

PRICE: \$5.50

TIME: 7:00 p.m. - Dinner
7:45 p.m. - Speaker

DINNER RESERVATIONS:

Please R.S.V.P. by December 15, 1982 to John S. Chambers, Political Science Department, University of San Diego, Alcalá Park, San Diego 92110.

ABSTRACT

A definition of causality has recently become popular in economics and elsewhere, as it provides tests of whether one series "causes" another. The definition can be phrased in terms of whether one series helps forecast the other. An alternative technique for investigating changes in the level of a series is intervention analysis. Application of causal analysis to a relationship between advertising and consumption will be discussed and also the use of both causal and intervention analysis to the introduction of compulsory seat belt legislation will be discussed.

EARLY ANNOUNCEMENT OF JANUARY MEETING

Daniel Yankelovich, one of the country's leading social scientists, will be the speaker at the January meeting of Los Angeles area members. Mr. Yankelovich is president and founder of Yankelovich, Skelly and White, Inc., a firm that analyses social trends and public attitudes. To accommodate Mr. Yankelovich's schedule, the January meeting will be changed to January 20 and will take place at UC Riverside at the regular hour. Watch for more information in the next newsletter.

DIRECTIONS TO UCLA

The UCLA Faculty Center is located on the UCLA campus at the Northwest corner of Hilgard and Westholme. Any parking kiosk on the UCLA campus will provide parking information and directions to the Center.

DINNER RESERVATIONS:

Please place your dinner reservations by Monday, December 6, 1982 at one of the following numbers:

ORANGE COUNTY AREA:

Bob Newcomb (714) 833-5979 or
833-6806

LOS ANGELES AREA:

Marge Lebsock (BMDP Stat Software)
(213) 475-5700

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