



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

MARCH 1987 Calendar

MAR 26 THURSDAY Estimating Extreme Quantiles of Time Series
(Biostat Program)

BIostatISTICAL PROGRAM

SPEAKER: Anthony Thrall, Ph.D.

Electric Power Research Institute (EPRI)

TOPIC: "ESTIMATING EXTREME QUANTILES OF TIME SERIES"

Assessing acute health hazards from environmental pollutants requires one to estimate how high environmental concentrations are likely to be under existing and alternative control strategies. The concentrations can sometimes be reasonably modelled as a time series. The accuracy of different quantile estimators will be discussed, and exact and asymptotic results will be reviewed.

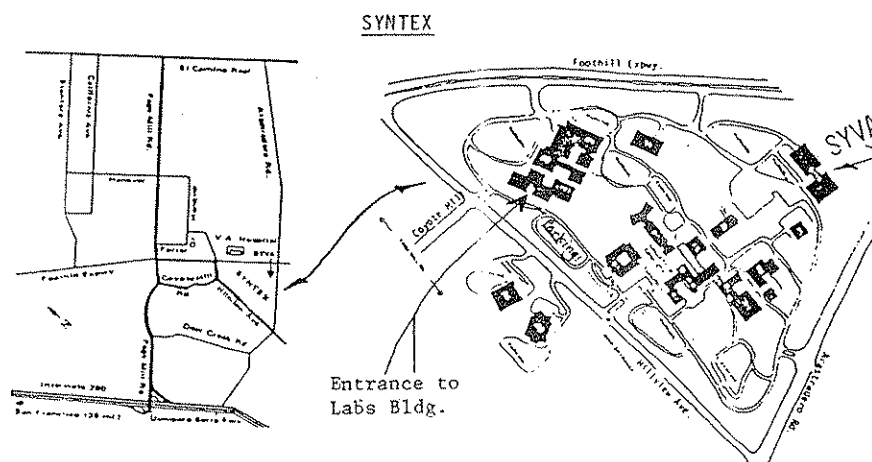
DATE: March 26, 1987 (Thursday)

3:30 - 4:00 Coffee

4:00 - 5:00 Presentation

PLACE: L-2115, Main Conference Room
Syntex Labs Building (see map)
Hillview Avenue in Palo Alto

John Varady has kindly offered to be the local host. Following the presentation, refreshments will be served at his home. Directions will be provided at the meeting.



PRESIDENT

Elizabeth S. King
(415) 938-9417

PRESIDENT-ELECT

Alvin D. Wiggins
(916) 752-7623

**VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS**

Florence van Geem
(415) 271-5987

**VICE-PRESIDENT
BIostatISTICAL
PROGRAMS**

Abraham Silvers
(415) 855-2615

SECRETARY

Kelvin K. Lee
(415) 493-5000 x2181

TREASURER

Anna Bagniewska
(415) 855-5289

**COUNCIL of CHAPTERS
REPRESENTATIVE**

Barbara Kamm
(415) 855-6163



987 JOINT STATISTICAL MEETINGS - San Francisco, August 17-20, 1987

The Local Arrangements Committee has been very busy providing publicity support to the National ASA Office and making plans for the Information Booth which will be located at the Civic Auditorium (location for all daytime sessions). Watch your next few issues of AMSTAT NEWS for some of the articles provided by Chapter members, Dave Kimble and Rose Ray.

If you are available to work at the Information Booth, contact Dean Fearn (881-3447). Other members working on the brochure to be available at registration or on local press publicity are Joyce Baptista, Joe Doyle, Arlene Frazier, Wes Johnson, Barbara Kamm, Andrea Lash, and Liz King.

IMPORTANT NOTICE

Beginning with this issue of the Newsletter, the date you last paid Chapter dues is shown on the mailing label following your name. Please take a moment to check it. If you see a date more than a year ago and you have not made a recent payment to the National ASA Office, please use the form below to send your membership dues to our treasurer, Anna Bagniewska. Also contact Anna (855-5289) if you feel that there is an error in the date; the Chapter plans to further pare the mailing list in the near future. An "*" with no date means that you are receiving the Newsletter as a courtesy. We would welcome you as a Chapter member with payment of local dues. If you pay Chapter dues to the National ASA Office, the date shown has been provided by them.

Anna Bagniewska, Biostatistician, Syntex Labs, 3401 Hillview Avenue L2036,
Palo Alto, CA 94304

Please extend my local Chapter Membership another twelve months. I enclose a check for \$6 Regular or \$1 Student Membership payable to ASA-S.F. Chapter

NAME-----

ADDRESS-----



EMPLOYMENT OPPORTUNITIES

Instruction and Research Information Systems (IRIS), a division of Academic Computing and Information Systems, Stanford University, is seeking:

STATISTICAL COMPUTING SPECIALIST - responsible for evaluating statistical computing needs and practices of academic community and planning and implementing support strategies; consulting on statistical software and applications; evaluating software; presenting seminars; participating in software maintenance.

Qualifications: Degree in Statistics, Computer Science, or related field; excellent and varied computing skills; 3-5 years recent data analysis and statistical package experience.

Salary: Range for Scientific Programmer III
\$2,608-4,242 per Month (Depending on Years of
Applicable Experience)

Applicants should send resume and letter, and direct inquiries to:

Cathy Smith
IRIS
Sweet Hall, 3rd Floor
Stanford, CA 94305-3091
(415) 723-1055

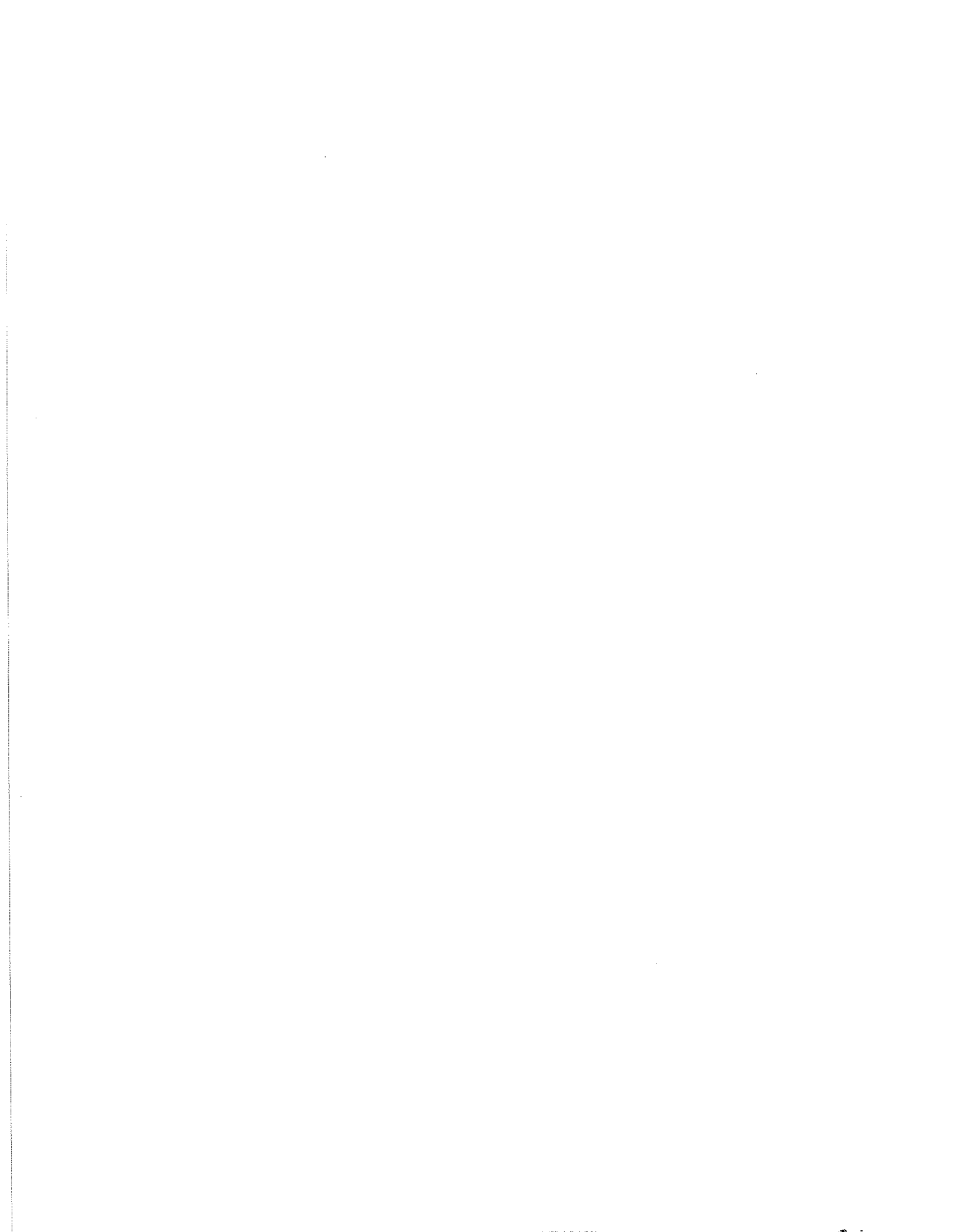
Syntex Laboratories in Palo Alto has the following vacancy:

BIostatistician I/II - design, analyze, and report Phase IV clinical trials; determine appropriate experimental designs, statistical analysis techniques, and report formats; perform statistical analyses and write statistical reports. Must be able to work independently, under pressure, and with medical and other non-statistical staff.

Requirements: Masters or Doctorate in Biostatistics or Statistics, with pharmaceutical clinical trials experience. Fluency with SAS and knowledge of DOS helpful.

For more details, contact:

Lucho Bravo
Human Resources
Syntex Laboratories
3401 Hillview Ave. L2036
Palo Alto, CA 94330
(415) 855-6297



AMENDMENT

GENERAL APPLICATIONS PROGRAM

SPEAKER: Janet L. Williams, Ph.D.
Mathematics Department
University of California at Irvine

TOPIC: "MODELLING AN ELECTRICAL-SORT YIELD OF INTEGRATED CIRCUIT"

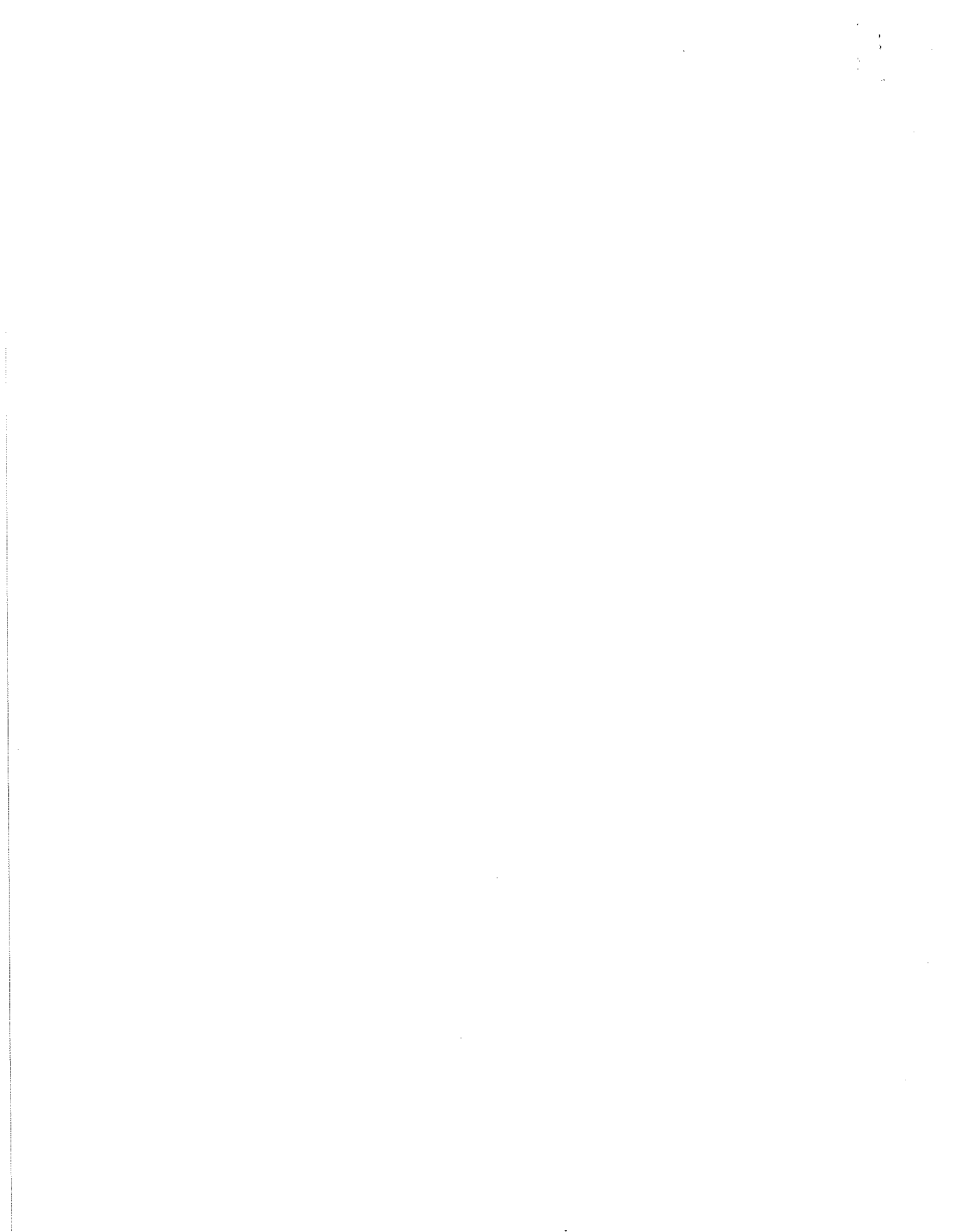
Janet Williams, a Visiting Scholar at the UC Berkeley Statistics Department, will present data from 2 fractional factorial experiments. The data will be used to illustrate regression modelling of yield as a function of manufacturing process data. Her presentation will address the definition of the dependent variable and discuss at what point of the analysis does one conclude that further modelling is futile.

DATE: March 19, 1987 (Thursday)
12:00 - 1:00 Luncheon
1:00 - 2:00 Presentation

PLACE: Bardelli's Restaurant
243 O'Farrell Street
San Francisco (2 1/2 blocks from Powell St. Bart Station)

PRICE: \$11.50/person. At lunch, choose from a selection of entrees including chicken, fish, and cannelloni.

Please call Florence van Geem, (415) 271-5987, by March 17 (Tuesday) with reservations. Those unable to join us for lunch are welcomed to attend the presentation at 1:00 and should also telephone Florence so that an adequate-sized room can be reserved.





American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

FEBRUARY 1987 Calendar

- FEB 20 FRIDAY Probability, Statistics, and Operations Research in LOTUS 1-2-3 and SYMPHONY (Gen Appl Program)
- FEB 26 THURSDAY Non-Linear Regression with Heteroscedastic Pharmacokinetic Type Data (Biostat Program)

GENERAL APPLICATIONS PROGRAM

- SPEAKER:** Laurence George, Ph.D.
Expert Statistical Systems, Inc.
- TOPIC:** *PROBABILITY, STATISTICS, AND OPERATIONS RESEARCH IN LOTUS 1-2-3 AND SYMPHONY*
Larry George will describe LOTUS 1-2-3 and SYMPHONY templates for probability, statistics, and operations research by describing a few templates in detail and mentioning the rest. He will describe Test Conconi (piecewise linear regression), risk analysis, and possibly Markov processes. Statisticians like to program solutions to their own problems; unfortunately, this may not be an efficient use of their abilities. The templates described will make their problem-solving quick and painless.
- DATE:** February 20, 1987 (Friday)
12:00 - 1:00 Luncheon (Cost: \$8 per person)
1:00 - 2:00 Presentation
- PLACE:** Redwood Room at Pac Bell
2600 Camino Ramon in San Ramon, California

DIRECTIONS:

Take the Bollinger Canyon exit off Hwy 680, and proceed east. At the second light, turn left onto Camino Ramon. Pac Bell will be on your left about 1/2 mile down the road. After parking in the visitors' parking lot, enter the building at the main entrance (near the fountain). Attendees will need to sign in at the desk. The Redwood Room is in the dining room area; the receptionist will provide directions.

Those unable to join us for lunch are welcomed to attend the presentation at 1:00. Reservations are essential for lunch. If they have not been made through Pac Bell, please contact Florence van Geem at (415) 271-5987 by Wednesday, February 18 to make a luncheon reservation.

BIostatistical PROGRAM

- SPEAKER:** Stuart L. Beal, Ph.D.
Associate Professor of Biostatistics
University of California at San Francisco
- TOPIC:** *NON-LINEAR REGRESSION WITH HETEROSCEDASTIC PHARMACOKINETIC TYPE DATA*
Techniques will be outlined. Simulation results will be presented that evaluate point estimates and confidence interval coverage.
- DATE:** February 26, 1987 (Thursday)
3:30 - 4:00 Coffee
4:00 - 5:00 Presentation
- PLACE:** Toland Hall in the Clinics Building (old) of the University of California at San Francisco
Parnassus Avenue near 3rd Avenue

PRESIDENT
Elizabeth S. King
(415) 938-9417

PRESIDENT-ELECT
Alvin D. Wiggins
(916) 752-7623

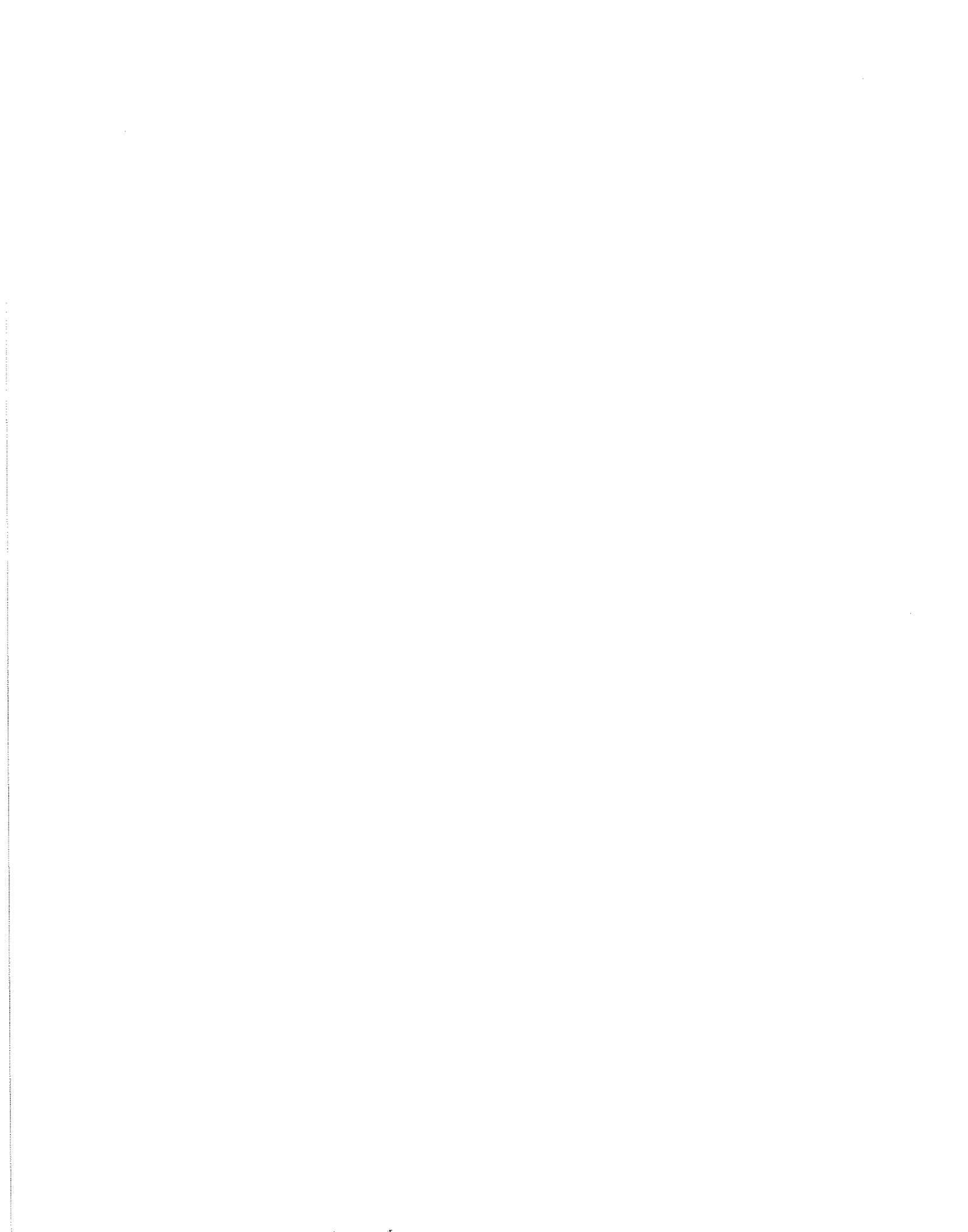
**VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS**
Florence van Geem
(415) 271-5987

**VICE-PRESIDENT
BIostatistical
PROGRAMS**
Abraham Silvers
(415) 855-2615

SECRETARY
Kelvin K. Lee
(415) 493-5000 x2181

TREASURER
Anna Bagniewska
(415) 855-5289

**COUNCIL of CHAPTERS
REPRESENTATIVE**
Barbara Kamm
(415) 855-6163



EMPLOYMENT OPPORTUNITIES

Failure Analysis Associates, an engineering and scientific consulting firm, has the following vacancy at its Palo Alto office:

BIOSTATISTICIAN/EPIDEMIOLOGIST with a Master's degree in Statistics, Biostatistics, or Epidemiology with a strong biostatistics component. Duties include:

- Assisting in the conduct of quantitative epidemiologic studies, health risk analyses, and statistical analyses
- Performing literature reviews and maintaining literature reference databases
- Running analyses using statistical software packages

Good computing skills and familiarity with statistical packages are highly desirable. Excellent remuneration and benefits package.

Applicants should send a resume to:

Personnel Manager
Reference: RP.1
Failure Analysis Associates
P.O. Box 51470
Palo Alto, CA 94303

Coopers & Lybrand, a management consulting service, is assisting a Southeastern Michigan based marketing firm to fill the following position:

QUANTITATIVE ANALYSIS MANAGER (DIRECTOR) - Responsible for all research and development, including the creation and modification of quantitative and graphical models of consumer behavior for multi-outlet retailing clients of an expanding consulting firm.

Specifications:

- . M.A. or Ph.D. in Statistics
- . 3 to 5 years experience developing mathematical models of business situations
- . Knowledge of Fortran and familiarity with SAS or SPSS

Starting
Compensation: \$50 - 70,000 annually
Excellent fringe benefit package
Relocation negotiable

Applicants should send resume and brief letter and direct all further inquiries to:

Brian R. Walby, Ph.D.
Management Consulting Services
Coopers & Lybrand
400 Renaissance Center
Detroit, Michigan 48243
(313) 446-7410