



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

CALENDAR

OCTOBER 20, 1988, THURSDAY Joint General Applications and Biostatistical Program

JOINT GENERAL APPLICATIONS AND BIostatistical PROGRAM

SPEAKER: Peter A. Lachenbruch
Professor of Biostatistics
UCLA School of Public Health

TOPIC: "THE STATISTICIAN AS COMPUTER CENTER"

The parallels between operating a computer center and using one's own personal computer will be discussed. These include decisions on purchase and maintenance; stability of environment; dangers; and budgetary considerations. Various models of operation will be considered: the 'independent' operation, departmental support and institutional support models.

Sources of information include trade publications, professional publications, and colleagues. Each is valuable and each has its limitations.

Criteria for evaluating computer programs will be considered: needs, ease of use, procedures available, and input and output availability. Some commonly available programs will be assessed in this light.

DATE: October 20, 1988 (Thursday)
3:30 - 4:00 Coffee
4:00 - 5:00 Presentation

PLACE: Schultz Auditorium
HRP Building Stanford University

Directions: From El Camino in Palo Alto, drive onto Palm Drive heading toward the university. At Campus Drive, turn right. The HRP building will be on your left between the museum and the multi-story parking structure in which free parking is available. Contact Kelvin Lee (415) 852-3253 for more detailed directions.

Professor Bill Brown has kindly offered to be the local host. Refreshment will be served at his home following the presentation. Directions will be provided at the meeting.

Although there will be no charge for this meeting, the chapter would like to get an idea of the attendance. Please notify Dean Fearn (415) 537-3439 or Kelvin Lee (415) 852-3253, by OCTOBER 18.

PRESIDENT
Alvin D. Wiggins
(916) 752-7623

PRESIDENT-ELECT
Abraham Silvers
(415) 855-2615

**VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS**
Loren Schoof
(415) 823-9020

**VICE-PRESIDENT
BIostatistical
PROGRAMS**
Kelvin K. Lee
(415) 493-5000 x2181

SECRETARY
Arlene Frazier
(415) 622-8422

TREASURER
Anna Bagniewska
(415) 855-5289

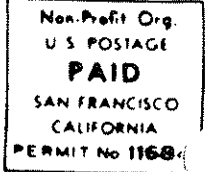
**COUNCIL OF CHAPTERS
REPRESENTATIVE**
Barbara Kamm
(415) 855-6163



SAN FRANCISCO BAY AREA CHAPTER
American Statistical Association

921 Regal Rd.
Berkeley CA 94708

NOTICE MAILED: 9-27-88



EMPLOYMENT OPPORTUNITIES

1. STATISTICIAN, FAILURE ANALYSIS ASSOCIATES

RESPONSIBILITIES: Use methods of statistical epidemiology in the analysis of large volumes of accident data. Coordinate and manage tasks performed by research assistants.

REQUIREMENTS: M.A. or Ph.D. in statistics or related field. Experience with analysis of large volume databases. SAS or other statistical analysis packages is essential. Engineering background is an advantage.

COMPANY: Failure Analysis Associates is a national engineering and scientific services firm specializing in the analysis and prevention of engineering system and product failures.

SEND RESUME: Personnel Manager, Failure Analysis Associates, P.O. Box 51470, Palo Alto, CA 94303. Reference AD# RR 9.23. Equal Opportunity Employer.

2. ASSISTANT CHIEF, V.A. Med Center, Palo Alto (547,479-560,683)

RESPONSIBILITIES: Assist in the training and supervision of a biostatistical and data processing staff. Plan and conduct final analysis of multi-center clinical trials.

REQUIREMENTS: PhD in statistics, biostatistics or related field; 3 years experience.

SEND RESUME: Kenneth E. James, Ph.D., Chief, Cooperative Studies Program Coordinating Center (151K), V.A. Medical Center, 3801 Miranda Avenue, Palo Alto, CA 94304.

2. SR BIostatistician, V.A. Med Center, Palo Alto (547,479-60,683)

RESPONSIBILITIES: Consult with medical investigators in the design, conduct and analysis of multi-center clinical trials. Statistical/methodological research related to clinical trials.

REQUIREMENTS: Ph.D. in statistics, biostatistics or related field.

SEND RESUME: see 2. above.

NOTICES: SPEAKERS WANTED

Would you like to make an hour long presentation on any statistical topic? Would you like to suggest someone to give a presentation at a local meeting? Do you have information about visiting statisticians who could be contacted to give an invited talk?

CONTACT: Kelvin Lee, Vice President Biostatistical Programs, in Palo Alto at (415) 852-3253, or Dean Fearn, Vice President General Applications Programs in Hayward at (415) 537-3439.

June 7, 1988

SPECIAL SUPPLEMENT

STATISTICS TASK GROUP OF ASQC

SPEAKER: Khushroobanu Shaikh, Hewlett Packard

TOPIC: Does Success Have a Secret?

Quality function deployment (QFD) can help you design better products and services. QFD is a systematic method of considering customers needs and demands during the design phase. Dr. Shaikh will explain the concepts of QFD and illustrate their implementation.

DATE: WEDNESDAY, June 29, 1988 7:00 P.M.

PLACE: Intel Corporation Auditorium (Building SC9)
3601 Juliette Lane, Santa Clara

INFORMATION: Call Curt Engelhard (408) 765-9325

MORE EMPLOYMENT OPPORTUNITITES

1. CLINICAL TRIALS DATA COMPLIANCE ANALYST

RESPONSIBILITIES: Create, perform, and report data quality monitoring procedures for clinical data management. Assist programming for clinical data management, including error detection and correction. Assist development and implementation of procedures to ensure data integrity.

REQUIREMENTS: A BA/BS, clinical data management experience, and expertise with SAS, ORACLE, RSI, or equivalent are required.

SEND RESUME: Employee Relations, Triton Biosciences Inc. Box CA, 1501 Harbor Bay Parkway, Alameda, CA 94501.

2. CLINICAL TRIALS DATA PROCESSING SUPERVISOR

RESPONSIBILITIES: Supervise computerized data management for clinical trials of pharmaceutical products and assist ongoing development of a growing department.

REQUIREMENTS: A BA/BS, experience with research data management, experience with database software or programming experience, and supervisory ability are required.

SEND RESUME: Employee Relations, Triton Biosciences Inc. Box DPS, 1501 Harbor Bay Parkway, Alameda, CA 94501.

3. SENIOR BIOSTATISTICIAN

RESPONSIBILITIES: Assist study design, direct analysis, and write statistical reports for individual clinical trials and for FDA submission combining results from multiple studies.

REQUIREMENTS: A Ph.D. in Biostatistics or Statistics, strong communication and leadership skills, experience with clinical trials, survival analysis, and repeated measures analysis, and experience with submission of PLAs or NDAs are required.

SEND RESUME: Employee Relations, Triton Biosciences Inc. Box BT, 1501 Harbor Bay Parkway, Alameda, CA 94501.

4. DATA ANALYSIS ASSISTANT--SUMMER INTERN

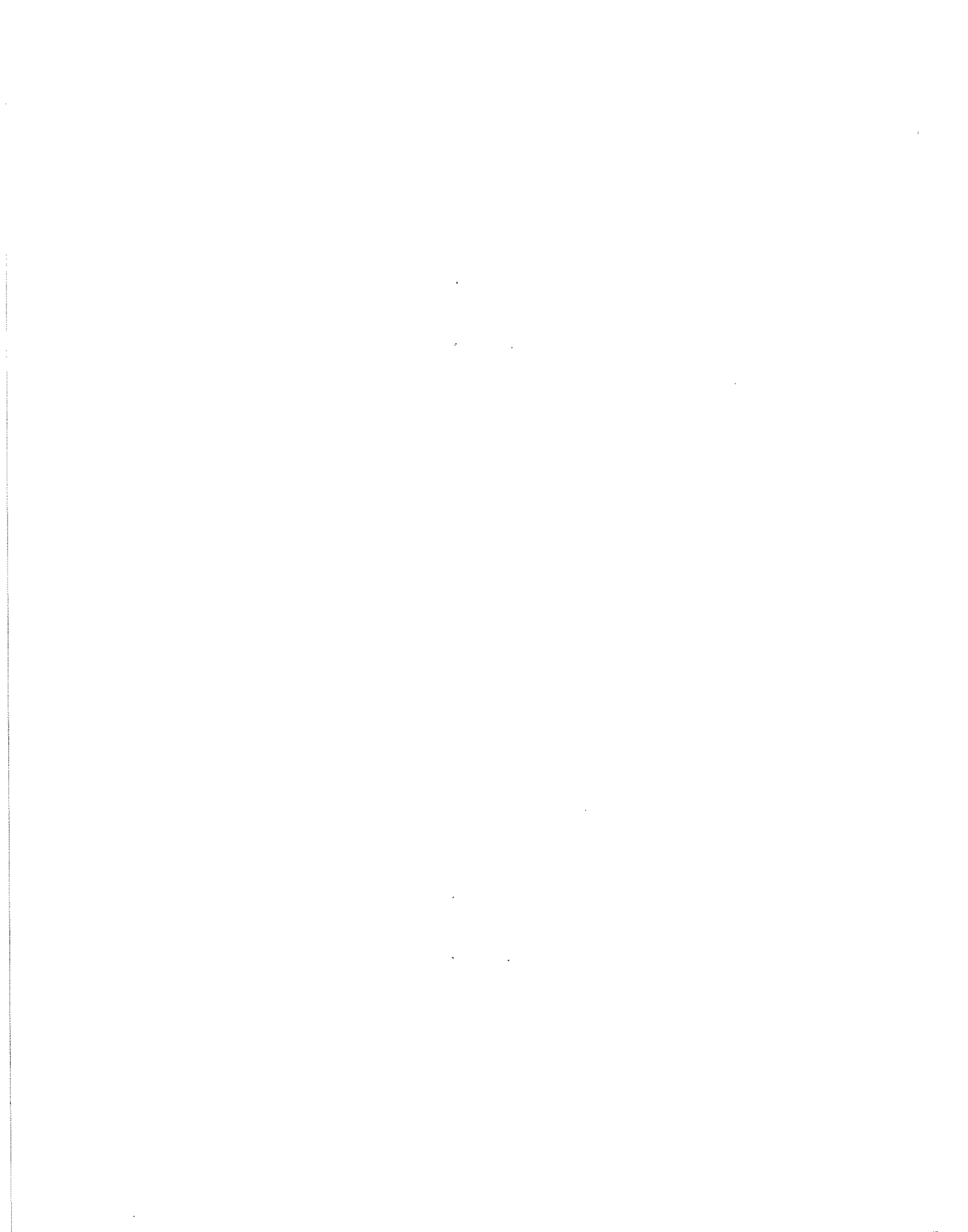
RESPONSIBILITIES: Analyze clinical data and assist in developing graphics for display of data for reports to Food and Drug Administration.

REQUIREMENTS: Statistics major or minor. Should be familiar with statistics software such as SAS, SYSTAT, STATVIEW. Familiarity with spreadsheets and/or computer coursework a plus.

TIME COMMITMENT: Full-time during the summer.

SALARY: \$1050-\$1400 per month.

SEND TO: Manager, Human Resources, Becton Dickinson Immunocytometry Systems, 2375 Garcia Avenue, Mountain View, CA 94039: your resume, cover letter on your strengths and interests in this position, most recent transcripts.





American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

June 7, 1988

COME TO OUR ANNUAL BUSINESS MEETING!

JUNE 1987 CALENDAR

JUNE 30 THURSDAY A NEW SURVIVAL DISTRIBUTION
(Joint General Applications and
Biostatistics Program)
Annual Business Meeting

JOINT GENERAL APPLICATIONS AND BIostatistical PROGRAMS

SPEAKER: Chin Long Chiang, Ph.D.
Professor of Biostatistics
University of California (Berkeley)

TOPIC: A NEW SURVIVAL DISTRIBUTION WITH APPLICATION TO CANCER RISK ANALYSIS.

A stochastic model of survival distribution will be presented where the mortality intensity is a function of the accumulated effect of an individual's continuous exposure to toxic material in the environment (absorbing coefficient) and his biological reaction to the toxin absorbed (discharging coefficient). Formulas for the density function, the distribution function, and the expectation of lifetime will be presented. A method of estimation will be given. Special cases where there is a change in the exposure level, or where exposure is discontinued, or where exposure is discrete in time, will be discussed.

Results of this model applied to a real experiment will be given.

DATE: THURSDAY June 30, 1988
3:30-4:00 Refreshments
4:00-5:00 Presentation
5:00- Annual Business Meeting

PRICE: Free of charge

PLACE: Golden Gate University, Room 500
536 Mission Street, San Francisco
(Between 1st and 2nd Streets/close to Embarcadero BART)

RESERVATIONS: Call Loren Schoof (415) 823-9020 by June 28.

ANNUAL BUSINESS MEETING

The Annual Business Meeting will be held immediately after the joint meeting of the General Applications and Biostatistical Programs. The agenda of the meeting will include the election of officers for 1988-1989, the President's farewell remarks, the Treasurer's reports, and any other business which needs to be addressed. This will be the last meeting until September.

PRESIDENT
Alvin D. Wiggins
(916) 752-7623

PRESIDENT-ELECT
Abraham Silvers
(415) 855-2615

**VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS**
Loren Schoof
(415) 823-9020

**VICE-PRESIDENT
BIostatistical
PROGRAMS**
Kelvin K. Lee
(415) 493-5000 x2181

SECRETARY
Arlene Frazier
(415) 622-8422

TREASURER
Anna Bagniewska
(415) 855-5289

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

According to the Constitution of the S. F. Bay Area Chapter of the ASA, this year's PRESIDENT-ELECT, **Abraham Silvers**, Electric Power Research Institute, automatically succeeds to the office of PRESIDENT for 1988-89. The 1988 Chapter Nominations Committee comprised of Nick Jewell, Andrea Lash, and Elizabeth King, Chairman, is pleased to recommend the following slate of officers for the term, July 1, 1988 to June 30, 1989 plus the Council of Chapters Representative for the two-year term, 1989 through 1990.

PRESIDENT-ELECT: **Florence van Geem**
Kaiser Foundation Health Plan

VICE PRESIDENT, GENERAL APPLICATIONS PROGRAMS: **Dean Fearn**
California State University, Hayward

VICE PRESIDENT, BIOSTATISTICAL PROGRAMS: **Kelvin K. Lee**
Veterans Administration

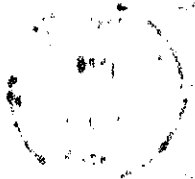
SECRETARY: **Rose Ray**
Failure Analysis Associates

TREASURER: **Anna Bagniewska**
Syntex Labs

COUNCIL of CHAPTERS REPRESENTATIVE (1989-1990): **Alvin D. Wiggins**
University of California, Davis

CONDOLENCES

Joe Doyle, who was a very active member of the SF Bay Area Chapter of ASA and the National ASA, passed away April 9, 1988. Joe was Chapter president in 1979 and attended meetings regularly. We will miss Joe and we will remember his many contributions to ASA. We send our condolences to his family.



EMPLOYMENT OPPORTUNITIES

STATISTICIAN, LOCKHEED MISSILES & SPACE CO.

RESPONSIBILITIES: Determine the specific approach, including the mathematical/statistical methodology for the solution of a complex reliability/management decision problem and perform the numerical analyses, which will contribute to the solution. Record and evaluate such analyses in technical reports, which may be the basis for management decisions. Anticipate future needs and work out possible analytical methods of solution of these problems.

REQUIREMENTS: M.S. Degree in Statistics or Biostatistics
U.S. Citizenship

SEND RESUME: J. M. Mirra
Lockheed Missiles & Space Co.
Sunnyvale, CA
(408) 742-8412
or
W. E. Sherwood
(408) 742-1844

IMPORTANT NOTICE

The date you last paid Chapter dues has been 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, please use the form below to send your membership dues to our treasurer, Anna Bagniewska. We would welcome you as a Chapter member with payment of local dues. If you pay Chapter dues to the National ASA, the date shown has been provided by them. Any question contact Anna at (415) 855-5289.

Anna Bagniewska, Biostatistician, Syntex Labs, 3401 Hillview Avenue L2500, Palo Alto, CA 94304

Please extend my local Chapter membership another 12 months. I have enclosed a check for \$6 Regular or \$1 /Student Membership payable to ASA-S.F. Chapter.

NAME _____

ADDRESS _____



SAN FRANCISCO BAY AREA CHAPTER
American Statistical Association

38963 Langtry Court
Fremont, CA 94536

Date Mailed: 6-7-88



~~MR. RALPH K. REDDA
4434 W. EL CAMINO DR.
GLENDALE AZ 85302~~

02/88

6-17



10287



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

Happy New Year!

THE ASA LOGO



(Editor's Note: This item was submitted to Robert V. Hogg, chair of an ad hoc committee to consider the possibility of a new logo for ASA, in response to a news note that appeared in our April 1987 issue.)

The logo or symbol of ASA has several parts, each with a special meaning. In the center we have a vertical stand with a sphere on top. On top of the sphere we have an eagle. There is a serpent to the left and right of the stand. These are the main parts of the symbol about which little is found in our archives.

The use of serpents in U.S. heraldry at the time of the founding of ASA was commonplace in politics and in medicine. The early Gadsden flag uses the rattlesnake to warn all of the determination to gain respect. In the political sense, it was a warning of the determination of the American people to win freedom, with or without warning.

One of our four founding members was an M.D. "Aesculapius, the mythical god of medicine, carried a knotty wooden staff entwined with a single snake representing life-giving powers" (Dreyfus 1972). Most medical groups throughout the world use this symbol. However, the U.S. Army Medical Corps, Navy Pharmacy Division, and the U.S. Public Health Service use the winged staff with two snakes, which is a combination of a Babylonian symbol and a Greek symbol. The twin snakes date back over 4,000 years ago. The winged staff is usually depicted with the Greek, Mercury (called Hermes by the Romans). In ancient wars this symbol was carried by medicos to indicate their neutrality. The windings around the rod were originally fillets of wool, but were changed to serpents later. Finally the wings were added (Avery 1962). In India, serpents are viewed as guardians of the threshold of the door and of treasures, both material and spiritual (Cooper 1978). When entwining or surrounding a staff or stand, two serpents are not viewed as opposites, but as united. They represent the cycles of nature, the solstices, and to us, time series.

The stand represents wisdom. It supports the sphere of the universe. On top we have the eagle, which represents inspiration, release from bondage, victory, pride, authority, strength, and a variety of other attributes. An eagle on a pillar or stand represents victory over darkness. Darkness represents the lack of facts, wisdom or positive spiritual status.

It then appears, that the logo represents victory over the darkness of all the cyclic forces of things in the universe through statistics. If the snakes are rattlesnakes, then it also means a determination to gain respect for those working in the field. (W.A. Colomski)

JANUARY MEETINGS

January 20 Wednesday Application of Semi-Markov Processes to a Human Factors Problem
January 28 Thursday Statistical Methods in Parapsychology

GENERAL APPLICATIONS PROGRAM

SPEAKER: Fred Chang, Pacific Bell
TOPIC: APPLICATION OF SEMI-MARKOV PROCESSES TO A HUMAN FACTORS PROBLEM
Human behavior is often modelled by Markov processes. A mild weakening of the Markov assumptions opens up a new set of possibilities. This talk explores one application of a semi-markov model to new telephone services.
DATE: January 20, 1988 (WEDNESDAY)
3:30-4:00 Coffee
4:00-5:00 Presentation
PLACE: Cal State at Hayward, North Science Building, Room 220
PRICE: NO CHARGE
RESERVATIONS: Call Loren Schoof (415) 823-9020

BIostatistical PROGRAM

SPEAKER: Jessica Utts, Ph.D., Associate Professor, Division of Statistics University of California, Davis. Visiting Scientist, SRI Int'l
TOPIC: STATISTICAL METHODS IN PARAPSYCHOLOGY
After 100 years of research, scientists still disagree on whether or not claims for ESP have been substantiated. Many of the arguments are statistical in nature. The scientific study of these claims comprises the field of parapsychology. An overview of statistical methods used in parapsychology will be given along with illustrative examples.
DATE: January 28, 1988 (THURSDAY)
3:30-4:00 Coffee and Cookies
4:00-5:00 Presentation
PLACE: University of California, Berkeley, 1011 Evans Hall
Following the presentation, refreshments will be served at the home of Professor Mike Tarter (2717 Benvenue, Berkeley). Directions will be provided at the meeting.

NOTICE ON DUES:

The date on your mailing label is the date we last received payment of your \$6 dues for the San Francisco Bay Area Chapter of ASA. If it has been more than a year since your last payment, rush your check for \$6 to: Anna Bagniewska

Syntax Labs
3401 Hillview Avenue L2035
Palo Alto, CA 94304

IF THE DATE ON YOUR LABEL IS IN THE YEAR 1985, YOU WILL BE DELETED FROM OUR MAILING LIST IN FEBRUARY, 1988 UNLESS WE RECEIVE YOUR PAYMENT.

TAPES FROM 1987 JOINT STATISTICAL MEETINGS IN SAN FRANCISCO

You can order tapes at \$8 each for any one of 100 talks given at the 1987 Conference. See the Sept/Oct 1987 issue of Amstat News for details.

PRESIDENT
Alvin D. Wiggins
(916) 752-7623

PRESIDENT-ELECT
Abraham Silvers
(415) 855-2615

VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS
Loren Schoof
(415) 823-9020

VICE-PRESIDENT
BIostatistical
PROGRAMS
Kelvin K. Lee
(415) 493-5000 x2181

SECRETARY
Arlene Frazier
(415) 622-8422

TREASURER
Anna Bagniewska
(415) 855-5289

COUNCIL OF CHAPTERS
REPRESENTATIVE
Barbara Kanim
(415) 855-6163



American Statistical Association

38963 Langtry Court
Fremont, CA 94536

DATE MAILED: 12-21-87

U S POSTAGE
PAID
SAN FRANCISCO
CALIFORNIA
PERMIT No. 11684

ARLENE FRAZIER
38963 LANGTRY COURT
FREMONT CA 94536

EMPLOYMENT OPPORTUNITIES

- 1. SENIOR STATISTICIAN, FAILURE ANALYSIS ASSOCIATES**
RESPONSIBILITIES: Development of procedures to perform statistical analyses using a large volume of accident data. In addition, you will coordinate and manage tasks performed by research assistants and junior level statisticians.
REQUIREMENTS: Minimum of 5 years of related experience and a PhD in Statistics is required. A doctorate-level degree in an engineering discipline and strong statistics background may qualify. Familiarity with experimental and survey designs and knowledge of statistical packages such as SAS and SPSS desirable. Successful candidate will have the ability to convey highly complex issues to both technical and non-technical personnel.
COMPANY: Failure Analysis Associates is a national engineering and scientific services firm specializing in the analysis and prevention of engineering system and product failures.
CONTACT: Personnel Manager, Failure Analysis Associates, PO Box 51470, Palo Alto, CA 94303. Reference Ad#: GF 11.7. Equal Opportunity Employer
- 2. MANAGING ENGINEER, FAILURE ANALYSIS ASSOCIATES**
RESPONSIBILITIES: Risk analysis and risk assessment in the context of human behavior and machine performance. Responsibilities will include statistical analysis of accident and other data, particularly on consumer products.
REQUIREMENTS: PhD with a solid background in applied statistics coupled with significant qualifications and experience in the areas of human behavior and engineering. Exceptional communications skills in order to gather information from and convey technical conclusions to both technical and non-technical personnel.
CONTACT: Personnel Manager, Failure Analysis Associates, PO Box 51470, Palo Alto, CA 94303. Reference Ad#: NR 11.6. Equal Opportunity Employer
- 3. SENIOR STATISTICIAN, SYSTEMS APPLICATIONS INC.**
RESPONSIBILITIES: Data analyses requiring originality and ingenuity. Imaginative approaches to probing and presenting data. Conscientiousness concerning the accuracy, appropriateness, and timeliness of results is essential. Depending on qualifications and interests, the individual may be given major responsibility for selected statistical projects and may participate in marketing activities.
REQUIREMENTS: At least one year of statistical consulting, especially in the environmental field, is preferred. PhD degree in statistics or equivalent. Oral and written communication skills needed to present results clearly to clients. Ability to program in Fortran, SAS, Minitab, BMDP, and/or other statistical packages is required.
COMPANY: Systems Applications provides the US Environmental Protection Agency and other governmental and industrial organizations with consulting services related to air and water pollution.
SEND RESUME: Job #8-P-87R, Systems Applications Inc., 101 Lucas Valley Road, San Rafael, CA 94903. Equal Opportunity Employer.
- 4. BIostatistician, XOMA CORPORATION**
RESPONSIBILITIES: Reports to the Vice President, Medical & Regulatory Affairs and Clinical Research. Works directly with Clinical Research Directors to design clinical trials and define clinical data collection requirements. Will implement statistical analysis of clinical trial data for Investigative New Drug Applications and Product License Applications supporting Product Marketing.
REQUIREMENTS: 3-5 years pharmaceutical or biologics industry experience. Proficient use of computers (VAX/DEC) or IBM compatible and statistical software (SAS). Experience in presenting NDA's or PLA's to FDA and knowledge of current FDA IND regulations required. Excellent written/verbal communications skills a must. PhD or MS degrees in Statistics preferred.
COMPANY: XOMA Corporation is a leader in the development of therapeutic monoclonal antibody-based pharmaceutical products for human use. XOMA currently has products in FDA-authorized clinical trials for the treatment of gram negative sepsis bone marrow transplantation, melanoma and colorectal cancers, and the detection of melanoma.
CONTACT: Director, Human Resources, XOMA CORPORATION, 2910 Seventh Street, Berkeley, CA 94710, (415)644-1170.



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

CALENDAR OF FUTURE EVENTS

DEC 3 THURSDAY How Random are Telephone Digits? (Gen App. Sc. Program)
DEC 8 TUESDAY A Bayesian Evaluation of Medical Screening Tests for Rare Diseases (Biostat Program)

GENERAL APPLICATIONS PROGRAM

SPEAKER: Fran McNamee
Pacific Bell

TOPIC: "HOW RANDOM ARE TELEPHONE DIGITS?"

The last four digits of a telephone number have sometimes been used to select a random sample. All numbers with a specific, randomly selected digit in one position would produce a 10% cross section. This presentation will discuss the suitability and problems with this sampling method.

DATE: December 3, 1987 (Thursday)
3:30 - 4:00 Coffee and cookies
4:00 - 5:30 Presentation

PLACE: Walnut Creek campus of Golden Gate University
801 Ignacio Valley Rd (5 blocks from Walnut Creek BART Station)
Free parking surrounds the building.
Inquire at the Information Desk for assigned meeting room.

PRICE: \$3.00 per person. Please call Loren Schoof at (415) 823-9020 by November 30 with reservations.

BIOSTATISTICAL PROGRAM

SPEAKER: Wesley Johnson, Ph.D.
Associate Professor, Division of Statistics
University of California at Davis

TOPIC: "A BAYESIAN EVALUATION OF MEDICAL SCREENING TESTS FOR RARE DISEASES"

There is considerable data available from screening tests for diseases like hepatitis and AIDS. This data, in conjunction with prior information about the accuracies of tests (sensitivity and specificity) as well as prior information about the prevalence (the proportion of the population that is infected) can be combined via Bayes Theorem to obtain posterior densities. Using certain assumptions, the talk will develop the joint posterior for the prevalence, sensitivity, and specificity. Illustrative examples will be given.

DATE: December 8, 1987 (Tuesday)
3:30 - 4:00 Coffee and cookies
4:00 - 5:00 Presentation

PLACE: State Department of Health Services
2151 Berkeley Way (4 blocks from Center Street BART Station in Berkeley)
The meeting room will be posted in the lobby.

PRESIDENT
Alvin D. Wiggins
(916) 752-7623

PRESIDENT-ELECT
Abraham Silvers
(415) 855-2615

VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS
Loren Schoof
(415) 823-9020

VICE-PRESIDENT
BIOSTATISTICAL
PROGRAMS
Kelvin K. Lee
(415) 493-5000 x2181

SECRETARY
Arlene Frazier
(415) 622-8422

TREASURER
Anna Bagniewska
(415) 855-5289

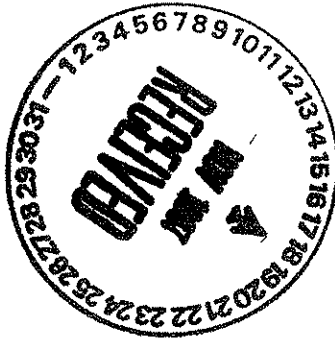
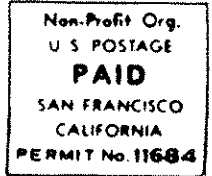
COUNCIL OF CHAPTERS
REPRESENTATIVE
Barbara Kamm
(415) 855-6163



SAN FRANCISCO BAY AREA CHAPTER
American Statistical Association

515 Tiller Lane
Redwood City CA 94065

MAILED: Nov 10



MS. ARLENE FRAZIER
CPS-CREDIT RISK MANAGEMENT, 3407
BANK OF AMERICA
180 MONTGOMERY, 18TH FLR
SAN FRANCISCO CA 94104

07/87

EMPLOYMENT OPPORTUNITIES

The Department of Medical Economics and Statistics in the Central Office of the Kaiser Permanente Medical Care Program has the following vacancy:

STATISTICIAN - Senior-level position available for a professional with strong quantitative and computer skills. The selected candidate will be responsible for a variety of projects including: conducting special studies and economic research on health care utilization, cost of services, enrollment, and prepaid rates; assisting in the development of recommendations concerning the collection and coding of health care services; consulting on the design and evaluation of health care data.

Desired qualifications: Master's in biostatistics, epidemiology, or applied statistics with 4-5 years experience in directly-related fields; experience with mainframe, large databases, and computerized statistical packages are highly desirable; excellent communication skills; and experience in the health care field preferred.

Excellent compensation and benefits package. For additional information, contact Florence van Geem (415) 271-5987. For confidential consideration, please forward resume to:

Kaiser Foundation Health Plan
1 Kaiser Plaza, Room 2602
Oakland, CA 94612



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

September, 1987

PRESIDENT'S MESSAGE

It is a distinct honor and privilege to be chosen to serve as your president for the current term. It is my fondest hope to measure up, in some sense, to the high standards of leadership established by some of the recent past presidents of my acquaintance, John Varaday, Karen Jones, Nick Jewell, and Liz King, each one a tough act to follow.

This is YOUR chapter, and I solicit, and will welcome, input from each and every one of you concerning ways in which we can fulfill our purpose as described in the chapter constitution and bylaws, from which I quote:

Article 2: "The purpose of this organization shall be to foster, in the broadest manner, statistics and its applications, and to promote unity and effectiveness of effort among all groups in the San Francisco Bay Area having an interest in, or being concerned with, statistical problems."

One activity in pursuit of this purpose, which comes to mind is an attempt to bring to the attention of some well defined groups the choice of statistics as a career. To this end, there is available from the Council of Chapters, a collection of slides suitable for presentation to high school or small college math classes. I intend to explore the desirability of rental or purchase of those slides for use by chapter members.

Let me close by quoting from one of a number of T-shirts which my wife bought me for running in road races:

"I must hurry and catch up with the others, for I am their leader."

Al Wiggins

COUNCIL OF CHAPTERS

On August 18, 1987, our council representative (Barbara Kamm) and our chapter president (Al Wiggins) attended the Annual Council of Chapters Business Meeting and the Chapter Officers Workshop. They reviewed the services provided by ASA to the Chapters which include speakers list, reference materials, lecture programs, slide shows and video tapes. They learned the Winter conference will be held January 6-8, 1988 in San Antonio.

GENERAL APPLICATIONS PROGRAM

SPEAKER: Richard Chiofalo

TOPIC: The Mathematics Behind Computerized Games

The "Art of War" has produced military miniatures firing cannon shots across simulated battlefields of Napoleonic campaigns and the hordes of laser/nuclear blitz in colored lights. Computers have added speed and the ability to simulate numerous possible outcomes. Presented are the basic types of game design across time and in many cultures, and how these designs are showing up in computerized versions. The simulation models have not long been computer automated though the concepts are old and complex.

DATE: September 17, 1987 (Thursday)
3:00pm - 4:00pm No host cocktails with hors d'oeuvres
4:00pm - 5:30pm Presentation

PRICE: \$7.25 per person

PLACE: The Chart House, at the Cannery (lower level)
2801 Leavenworth St, San Francisco

Validated PARKING is available in the Anchorage Center Parking Lot (Entrance is off Beach Street). The 30 Stockton BUS (Jefferson Loop) will take you to the Chart House from:

- Downtown San Francisco
- BART
- Southern Pacific Railroad Station
- East Bay Bus Terminal (you can walk or transfer from the 38 Geary which goes from the Terminal to the 30 Stockton Line)

PREVIEW OF COMING EVENTS

Mark your calendar for the following 2 one day seminars:

SPEAKER: George Milliken	!	SPEAKER: Dallas Johnson
TOPIC: Keys to Good Experimentation	!	TOPIC: Techniques for Analysis of Messy Data
DATE: October 27, 1987 (Tuesday)	!	DATE: early November
TIME: all day	!	TIME: all day
FEE: \$100	!	FEE: \$100
PLACE: Santa Clara	!	PLACE: Palo Alto

The next newsletter will have more details on these two seminars.

PRESIDENT
Alvin D. Wiggins
(916) 752-7623

PRESIDENT-ELECT
Abraham Silvers
(415) 855-2615

**VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS**
Loren Schoof
(415) 823-9020

**VICE-PRESIDENT
BIostatistical
PROGRAMS**
Kelvin K. Lee
(415) 493-5000 x2181

SECRETARY
Arlene Frazier
(415) 622-8422

TREASURER
Anna Bagniewska
(415) 855-5289

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



American Statistical Association

38963 Langtry Court
Fremont, CA 94536

Date Mailed: 8-31-87

Non-Profit Org.
U.S. POSTAGE
PAID
SAN FRANCISCO
CALIFORNIA
PERMIT No. 11684

CONGRATULATIONS!

Congratulations to New Fellows of the American Statistical Association from our Chapter Area. The following persons were honored on August 18, 1987 during the National Meeting in San Francisco.

RUDOLPH BERAN, University of California, Berkeley; for major contributions to the theory and practice of nonparametric and robust inference and of bootstrap and jackknife procedures, and for editorial services to the profession.

LEO BREIMAN, University of California, Berkeley; for outstanding and innovative contributions to probability theory, statistical methodology, data analysis, statistical computing and education; and for service to the profession.

HELENA CHMURA KRAEMER, Stanford University; for outstanding contributions to the theory of measures of association, concordance and reliability, and to the application of these to the medical sciences; for excellence in consulting in biobehavioral research; and for editorial services.

EMPLOYMENT OPPORTUNITIES

1. HEALTH SURVEILLANCE DATA ANALYST

Will provide in-house computerization of Health Surveillance system. Will design systems to merge data from various sources which have compatibility problems and will manage and maintain integrity of high-volume data base. Additional responsibilities include generating lists of individuals to be tested, inputting data, and generating letters to physicians and patients. Duties will also include performing initial statistical analysis of health surveillance data, and assisting in writing reports on results of studies. Will also design, conduct and analyze special epidemiologic studies.

REQUIREMENTS: BA/MA degree or equivalent in mathematics, computer science, statistics or related field. Two years experience in maintenance and analysis of medical data required, in addition to a BA degree. Must have knowledge of SAS and computers. MEDLOG experience is a plus.

Interested Candidates - Send resume to Leeka Khelifets,
Intex Labs--Mail Stop AS-HS, 3401 Hillview Avenue, Palo Alto, CA 94304

2. RESEARCH CONSULTANT

Identify, conduct, and implement credit scoring and behavior scoring projects in the Bankcard department. Other responsibilities include the design of databases, data collection, statistical analysis, interpretation of results, formulation of recommendations, interaction with operating departments. Creatively apply computer based statistical techniques. Ability to work with large tape files. Provide oral and written presentations to management.

A Master's degree in statistics or related field, 1 to 2 years of project work in industry, strong written and oral communications skills, and initiative. Experience with computerized statistical packages and demonstrated computer skills with large tape files. Experience in Bankcard or banking environments is preferred.

CONTACT: Henry Bennett, AVP
Bank of America
Card Products and Services
Personnel Operations #3947
1 South Van Ness Ave., 5th floor
San Francisco, CA 94103

POSITION WANTED

Statistician looking for leadership position in Sacramento area to further develop professional career. Four years experience including sampling, experimental design, establishing and teaching appropriate levels of SPC Seminars, statistical consulting. BA in Mathematics, MS in Statistics from Miami University in Oxford, Ohio. Adept with SAS, Fortran, Cobol, Basic, JCL. For further information, contact Margaret C. Miller, 124 Johnston Court, Folsom, California 95630 (916) 985-0809 after 6 PM.

If you would like to correct your address label, make an announcement, or have a job vacancy, write to me by September 17: Arlene Frazier, 38963 Langtry Court, Fremont, CA 94536.



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

CALENDAR OF FUTURE EVENTS

- OCT 9 FRIDAY Orthogonal Design for Process Development and Optimization
(Statistics Task Group of ASQC - Santa Clara Section)
- OCT 28 WEDNESDAY Keys to Good Experimentation (Fee Event; Ref: Attached Flyer)
- OCT 29 THURSDAY Design and Analysis of Non-replicated Experiments (Joint Gen
Applic and Biostat Programs)
- NOV 4 WEDNESDAY Techniques for Analysis of Messy Data (Fee Event; Ref: Attached
Flyer)

STATISTICS TASK GROUP OF THE ASQC (SANTA CLARA SECTION)

SPEAKERS: Professors Li-Qian Zhang and Wan-Ru Liu
Beijing University, China

TOPIC: Short Seminar on "ORTHOGONAL DESIGN FOR PROCESS DEVELOPMENT AND
OPTIMIZATION"

DATE: October 9, 1987 (Friday) 10:00 - 12:00

PLACE: Intel Corporation, Building SC9 Auditorium, Santa Clara

DIRECTIONS: From Hwy 101, take Montague exit. At first stop light, turn left onto
Mission College Blvd. At next stoplight, turn left into Intel parking lot.
For more information, call Don Jillie (408) 496-8871.

JOINT GENERAL APPLICATIONS AND BIostatistical PROGRAMS

SPEAKER: Dallas Johnson, Ph.D.
Professor, Statistics Department
Kansas State University
Co-author of Analysis of Messy Data

TOPIC: "DESIGN AND ANALYSIS OF NON-REPLICATED EXPERIMENTS"

DATE: October 29, 1987 (Thursday)
3:30 - 4:00 Coffee and cookies
4:00 - 5:00 Presentation

PLACE: Stanford University Medical Center, Room M106
If you would like detailed directions to the meeting site, please call Kelvin
Lee at (415) 493-5000, ext. 2181.

Professor Bill Brown has kindly offered to be the local host. Following the
presentation, cocktails will be served at his home. Directions will be provided at the
meeting.

PRESIDENT
Alvin D. Wiggins
(916) 752-7623

PRESIDENT-ELECT
Abraham Silvers
(415) 855-2615

VICE-PRESIDENT
GENERAL APPLICATIONS
PROGRAMS
Loren Schoof
(415) 823-9020

VICE-PRESIDENT
BIostatistical
PROGRAMS
Kelvin K. Lee
(415) 493-5000 x2181

SECRETARY
Arlene Frazier
(415) 622-8422

TREASURER
Anna Bagniewska
(415) 855-5289

COUNCIL OF CHAPTERS
REPRESENTATIVE
Barbara Kamm
(415) 855-6163