



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

MESSAGE FROM THE PRESIDENT

Dear Colleagues:

September, 1989

I am pleased to be serving as President of the Chapter for 1989-1990. The Chapter currently has close to 500 members and covers a wide geographic area from the North Bay to the South Bay, and as far east as Davis. Our members represent academia, finance, government, research, services and production. It will be my challenge to meet the professional needs of such a diverse membership. This would be close to impossible if not for the other officers of the Chapter. It is my pleasure to introduce them to you:

Kelvin Lee is President Elect and has served the Chapter for 4 years. Kelvin has been employed at the Veterans Administration for the last 11 years. His area of professional expertise is clinical trials. During the year, I will look toward Kelvin for help in developing solutions in order to better serve the members. He also will begin the planning for the 1990-1991 year.

The Chapter has two Vice Presidents whose responsibilities are to plan the monthly meetings. Dean Fearn is V.P. of the General Applications Program and Mike Tarter is V.P. of the Biostatistical Program. Dean is a professor at Hayward whose area of expertise is branching processes. He has been active in various activities of the Chapter for over 10 years. This is his second year as an officer for organizing the General Applications Program. Even though this is his first year as an officer, Mike is a long-time contributor to the local Chapter. He was instrumental in integrating the Biostatistical community with the Chapter in the early '80s. Mike currently is a professor at UC Berkeley working on various grants. Areas of expertise include computer approaches to identifying distributions and computer graphics.

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ASQC TASK GROUP REP.
Fred Khorasani
(408) 779-0035

ASQC STATISTICAL TASK GROUP
Curtis Engelhard
(408) 765-9325

Anna Bagniewska is serving her third year as Treasurer. Besides managing the books, maintaining the membership roster and mailing list, Anna has been very successful in organizing meetings in the Palo Alto area. Anna is a manager at Syntex Labs, coordinating the data reporting and collection functions.

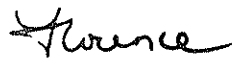
Rose Ray first worked with the Chapter in 1987 and is currently serving her second term as secretary. She is responsible for collecting the information, writing and production of the newsletter. Job openings and relevant announcements should be sent to her. Rose's professional interest is epidemiological techniques related to business applications.

Fred Khorasani and Curt Engelhart represent the local organization of the American Society of Quality Assurance. Since the two organizations share many common subjects of interest, the Chapter asked for representation from this organization. In the past, the Chapter and the ASQC Task Group have jointly sponsored meetings and one-day seminars.

Al Wiggins is the Chapter's representative to the Council of Chapters. The Council is a vehicle for local Chapters to communicate and share their concerns in a broader arena. Al has served the Chapter as an officer for over three years, including President, and is well equipped to serve the interests of this Chapter.

Even with this excellent team, we need your support in making this year successful. We feel that an important objective of any organization is to provide a forum where professionals can meet other local professionals. We want to see you (new faces and old friends) at our meetings and to encourage wider participation of our 500 members. Therefore, it is important to identify topics relevant to our members. If you have ideas for topics, speakers or places for the meetings, we would like to hear from you. If you know of visitors coming to your company or institution and who would make an excellent candidate as a speaker for the monthly meetings, please contact either Dean or Mike.

Our goal this year is to organize meetings responsive to the needs of the members. We look forward to serving you and hope to see many of you at the monthly meetings.



Florence van Geem

CALENDAR

OCTOBER 19, 1989 THURSDAY Nicholas Jewell
"Statistical Analysis of HIV Infectivity"
NOVEMBER 8, 1989 WEDNESDAY Donald Ylvisaker
"Statistics Inside the Lottery"

GENERAL APPLICATIONS PROGRAM

SPEAKER: Nicholas P. Jewell
Professor of Biostatistics and Statistics
University of California, Berkeley

TOPIC: "STATISTICAL ANALYSIS OF HIV INFECTIVITY BASED ON PARTNER
STUDIES"

Partner studies produce data on the infection status of partners of individuals known or assumed to be infected with the Human Immunodeficiency Virus (HIV) after a known or estimated number of contacts. Previous studies have assumed a constant probability of transmission (infectivity) of the virus at each contact. Recently, interest has focused on the possibility of heterogeneity of infectivity across partnerships. This talk will discuss parametric and nonparametric procedures based on partner data to examine the risk of infection after a given number of contacts. Graphical methods and inference techniques will be presented which allow the investigator to evaluate the constant infectivity model and consider the impact of heterogeneity of infectivity, error in measurement of the number of contacts and regression effects of other covariates. The majority of the methods can be computationally implemented easily with use of software to fit generalized linear models. The concepts and techniques are closely related to ideas from discrete survival analysis. A dataset of heterosexual transmission will be used to illustrate the methods. The material is joint work with Stephen C. Shiboski.

DATE: October 19, 1989 (Thursday)
3:30 - 4:00 Coffee
4:00 - 5:00 Presentation

PLACE: Stanford University Medical Center
Room M106

Directions: From El Camino in Palo Alto, drive onto Palm Drive heading toward the university. At Campus Drive, turn right. The Medical Center will be on your right across from the multi-story parking structure in which free parking is available. See map on the reverse of this announcement.

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 Mike Tarter (415) 624-4601, by OCTOBER 17.

GENERAL APPLICATIONS PROGRAM

SPEAKER: Donald Ylvsaker
Professor of Statistics
UCLA

TOPIC: "STATISTICS INSIDE THE LOTTERY"

The talk will cover events of interest which have transpired during a four year sting as Contract Statistician for the California and Colorado State Lotteries. In particular, the question of what has been learned over time will be addressed in various context. Topics will likely include physical equipment, inventory plans, computer simulations, randomization and issues of finance, security and marketing. There will be some focus on the lottery industry itself, and on odds and oddities which have surfaced. questions will be especially welcomed.

DATE: November 8, 1989 (Wednesday)
3:30 - 4:00 Coffee
4:00 - 5:00 Presentation

PLACE: Pacific Bell, San Ramon
2600 Camino Ramon
The Daffodil Room ICN95

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EMPLOYMENT OPPORTUNITIES

1. STATISTICIAN, SYSTEMS APPLICATIONS, INC., San Rafael

RESPONSIBILITIES: Perform statistical analyses related to air and water pollution. Seek imaginative approaches to probing and presenting data.

REQUIREMENTS: M.S in statistics or related field. In addition to statistical expertise, candidates should possess the oral and written communication skills necessary to present results to clients. Some statistical computing and consulting experience is preferred. Ability to use statistical packages (preferably SAS) is required.

COMPANY: Systems Applications, Inc. is an environmental consulting company providing the U.S. Environmental Protection Agency and other governmental and industrial organizations with consulting services related to air and water pollution.

SEND RESUME: Job # 1-P-90, Systems Applications, Inc.
101 Lucas Valley Road, San Rafael, CA 94903.
Equal Opportunity Employer.



SAN FRANCISCO BAY AREA CHAPTER
American Statistical Association

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CHAPTER NEWS

Elizabeth King was awarded a citation and plaque for outstanding local chapter member at the August ASA national meetings in Washington D.C. This award was part of the ASA sesquicentennial celebration. The citation read in part:

For more than 20 years of devoted and enthusiastic support of the chapter as follows:

- o Chapter President 1986- 1987
- o Handled local arrangement for National meeting with grace and aplomb.
- o Served as a role model and catalyst for the growth of the chapter and enhancement of the membership.

SF Bay Area Chapter Business

DUES:

At the June 1989 business meeting Article 3 (Dues) of the Chapter's By-Laws was amended as follows:

1. The annual dues of regular and associate members be increased from \$6.00 to \$8.00.
2. The annual dues of student members be increased from \$1.00 to \$2.00.

Several members are more than a year behind in local chapter dues. Please check the date on your mailing label. The printed date is the last time that we received your dues. If you are overdue please send \$8 to:

Anna Bagniewska
Syntex Labs
34012 Hillview Avenue L-2500
Palo Alto, CA 94303