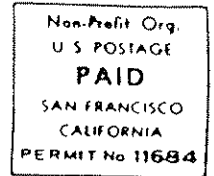




SAN FRANCISCO BAY AREA CHAPTER  
**American Statistical Association**

515 Tiller Lane  
Redwood City CA 94065



If there is a modification to your address label (e.g. correct misspellings, correct address, or add internal mail routing code), or if you have an announcement or a job vacancy, let me know by writing: Kelvin Lee, 515 Tiller Lane, Redwood City, CA 94065, by the middle of the month.



# American Statistical Association

## SAN FRANCISCO BAY AREA CHAPTER

BEST WISHES FOR A HAPPY AND HEALTHY 1987!!

### JANUARY 1987 Calendar

JAN 29 THURSDAY Methods for Analyzing Data with Covariate Measurement Error (Biostat Program)

### BIostatistical PROGRAM

SPEAKER: Alice Whittemore  
Professor of Family, Community and Preventive Medicine  
Stanford University Medical Center

TOPIC: "METHODS FOR ANALYZING DATA WITH COVARIATE MEASUREMENT ERROR"

Epidemiological studies of estimating covariate effects find that often these covariates have measurement error. For example, in environmental studies, estimates of exposure are fraught with error. Dr. Whittemore will discuss various strategies to handle such situations.

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

PLACE: Electric Power Research Institute (EPRI)  
3412 Hillview Avenue  
Palo Alto, CA

DIRECTIONS: EPRI is located on Hillview Avenue near Arastradero Road in Palo Alto. Go to Building 1, and the guard will direct you to the Auditorium.

\* \* \* \* \*

PREVIEW: Feb 20, Friday Dr. Laurence George of Expert Statistical Systems, Inc., will speak about LOTUS templates for statistics, probability, and operations research.

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

PETITION FOR 1989 COMMEMORATIVE STAMP

We, the undersigned, petition the U.S. Postmaster General and U.S. Postal Service to issue a special postage stamp in 1989 to commemorate the Sesquicentennial Celebration of the American Statistical Association, which was founded on November 27, 1839 in Boston, Massachusetts.

The American Statistical Association (ASA) is now one of the oldest professional organizations in the United States and has served the needs of individuals in education, business and industry, and government. For academic institutions, ASA is the forum for the presentation of emerging research and current educational practices of statistical methods to the biological, physical and engineering, social, and agricultural sciences. ASA also coordinates the network for preparing statisticians at the pre- and post-graduate levels, and ensures that the interests of teachers of statistics are represented through liaison with industry and government. For business, labor, financial and industrial organizations, ASA fosters statistical standards in research and applications necessary to assure the quality of techniques used for decision-making and forecasting. For governmental agencies, ASA provides advice and technical assistance at the federal, state, and local levels, ranging from demography and census information, education and justice, to public health, nuclear regulation, and the environment.

NAME

ADDRESS

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

Return to: Dr. Alan J. Izenman, Department of Statistics, Temple University, Philadelphia, PA 19122

Employment Opportunities

## The California Department of Fish and Game anticipates the following opening: Experienced STATISTICIAN in its Southern California Biometrics Unit in Long Beach. The title of this position is Statistical Methods Analyst III with a salary range of \$2768 to \$3339 per month plus benefits.

Applicants must have a Masters or Doctorate and/or experience, specializing in fisheries or ecological statistics including sampling theory, experimental design, multivariate techniques, and EDA. Also, experience in fisheries population dynamics and stock assessment is advantageous.

Interested persons should submit their resumes to:

California Department of Fish and Game  
ATTN: Richard L. Dixon  
1301 West 12th Street  
Long Beach, CA 90813

## Environmental Health Associates, Inc., a private consulting firm in environmental and occupational health research, has the following opening: STATISTICAL PROGRAMMER with two or more years of programming experience in SAS and dBASE. Experience with SYMPHONY, SAMNA, CMS, and the IBM EXEC language is desirable. A B.S. degree in statistics, public health, or a biological science with some statistical experience is required.

Interested persons should send a resume, and a letter discussing experience and salary requirements to:

Environmental Health Associates, Inc.  
ATTN: Robert Graebner  
P. O. Box 23050  
Oakland, CA 94623-2305

\* \* \* \* \*

Petition for ASA Postage Stamp

The ASA Board of Directors has approved circulation of a petition requesting that a special U.S. postage stamp be issued in 1989 to celebrate the ASA Sesquicentennial. Petitioners need not be statisticians; the only requirements are U.S. citizenship with a U.S. residential address and must be at least 18 years of age. The SF Bay Area Chapter encourages its members to obtain signatures on the attached petition from colleagues, friends, relatives, staff, students, neighbors, etc. Return petitions to Dr. Alan Izenman at Temple University. Additional petitions may be machine copied.

\* \* \* \* \*

If there is a modification to your address label (e.g. correct misspellings, correct address, or add internal mail routing code), or if you have an announcement or a job vacancy, let me know by writing: Kelvin Lee, 515 Tiller Lane, Redwood City, CA 94065, by the middle of the month.



# American Statistical Association

## SAN FRANCISCO BAY AREA CHAPTER

HAPPY HOLIDAYS!!

### DECEMBER 1986 Calendar

DEC 11 THURSDAY Survey of Games (General Applications Program)

### GENERAL APPLICATIONS PROGRAM

**SPEAKER:** Michael Orkin, Ph.D.  
Chairman, Department of Statistics  
California State University, Hayward

**TOPIC:** "SURVEY OF GAMES"

Professor Orkin received his Ph.D. from the University of California at Berkeley where he studied game theory with Professor David Blackwell. His current research specialty is game theory. Professor Orkin will discuss popular gambling games including casino games, lotteries, horse racing, and sports betting. If time permits, he will discuss other types of games.

**DATE:** December 11, 1986 (Thursday)  
3:30 - 4:30 Presentation  
4:30 - 5:30 No-host cocktails with hors d' oeuvres

**PLACE:** El Caballo Restaurant  
67 Jack London Square  
Oakland, CA

**PRICE:** \$4.00/person. Please call Florence Van Geem at (415) 271-5987 by Wednesday, December 10, with reservations.

\* \* \* \* \*

If there is a modification to your address label (e.g. correct address, add internal mail routing code, or correct misspellings), or if you have an announcement or a job vacancy, let me know by writing: Kelvin Lee, 515 Tiller Lane, Redwood City, CA 94065, by the middle of the month.

**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 Opportunity

The Veterans Administration Cooperative Studies Program Coordinating Center at the Palo Alto VA Medical Center (Menlo Park Divison) has 2 vacancies:

### 1. Biostatistician

Responsibilities Include:

- Consulting with medical investigators in the design, implementation, and analysis of multi-center clinical trials in the Veterans Administration.
- Responsibility as a team leader for clinical trials in the ongoing and final analysis stages, including data coordination, statistical analysis, programming and data processing.
- Providing support for the administrative and operational aspects of assigned clinical trials, functioning as a project manager.

Candidates should have a Ph.D. in statistics, biostatistics or related field, with experience in medical consulting. Alternatively, the candidate could have a Masters degree with three to four years of experience in multi-center clinical trials. Good verbal and written communication skills are required with the ability to make effective presentations of research proposals. The starting salary range for the position is \$32,500 to \$38,700.

### 2. Statistical Programmer

Responsibilities Include:

- Design, debugging, implementation, documentation, and maintenance of programs which generate statistical analyses, tables, and/or graphs using PL/1, FORTRAN, and other high level languages and statistical computing packages such as SAS and a BMDP.
- Providing support to biostatisticians and administrative personnel in a multi-center clinical research setting.

This position requires a Masters degree in statistics, biostatistics or related field with programming experience; or a Masters degree in computer science or equivalent with experience in biostatistical applications. Knowledge of JCL, text editors such as WYLBUR or TSO, and microcomputer software is a plus. Experience may be substituted for graduate education. Starting salary range is \$22,400 - \$27,100.

Applicants for these positions must be United States citizens. If interested, send resume to:

Dr. Kenneth E. James  
CSPCC (151-K)  
VA Medical Center  
3801 Miranda Avenue  
Palo Alto, CA 94304

or call (415) 493-5000, x 2181



# American Statistical Association

## SAN FRANCISCO BAY AREA CHAPTER

### NOVEMBER 1986 Calendar

Nov 20 Thursday Statistical Issues in The Use of Twins for Studies of Heritability (Joint General Applic and Biostat Program)

### JOINT GENERAL APPLICATIONS AND BIostatISTICS PROGRAM

**SPEAKER:** Dorit Carmelli, Ph.D.  
Senior Biostatistician, Stanford Research Institute (SRI)

**TOPIC:** "STATISTICAL ISSUES IN THE USE OF TWINS FOR STUDIES OF HERITABILITY"

Dr. Carmelli was granted her Ph.D. in Mathematical Genetics from the Weizmann Institute in Israel. She has been with SRI for 6 years, currently in the Department of Behavioral Medicine. Her presentation will discuss the statistical assumptions commonly made in studies of twins and will address their validity.

**DATE:** November 20, 1986 (Thursday)  
3:30 Coffee  
4:00 Presentation

**PLACE:** Hewlett-Packard  
Mystery Conference Room in Bldg. 4  
1501 Page Mill Rd (near Foothill Expressway)  
Palo Alto, CA

Please allow a few extra minutes on Nov. 20. Assemble in the main lobby in Bldg. 4. Attendees must be "escorted" to the meeting room.

† †

**PREVIEW:** Dec 11, Thursday Dr. Michael Orkin, CSU at Hayward, will talk about "Games of Chance" (lottery, casino, etc.)

† †

### Employment Opportunity

Lockheed has the following vacancy:

Work in Reliability Assessment group of Missiles Systems Division. Prefer Masters Degree in Statistics with knowledge of SAS. U.S. Citizenship required. Contact:

James J. Buciak  
Dept. 84-42 Bldg 584  
Lockheed Missiles and Space Company, Inc.  
P.O. Box 3504  
Sunnyvale, CA 94088-3504  
(408) 742-1218

**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) 855-2635

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

**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

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

If there is a modification to your address label (e.g. add internal mail routing code or correct misspellings), or if you have an announcement or a job vacancy, let me know by writing: Kelvin Lee, 515 Tiller Lane, Redwood City, CA 94065, by the middle of the month.

\* \* \* \* \*

For those members who have not paid their Chapter dues, please send \$6 for regular membership or \$1 for student membership to Anna Bagniewska. Ignore this reminder if payment of annual local dues has been made to the national office in Washington, D.C. If you know of anyone who may be interested in Chapter membership, please submit the person's name to Anna, or encourage the prospective member to contact Anna.

-----  
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 \$6.00 (or \$1.00 for student membership) payable to ASA - S.F. Chapter.

Name \_\_\_\_\_

Address \_\_\_\_\_

City & State \_\_\_\_\_ Zip \_\_\_\_\_





# American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

## OCTOBER, 1986 Calendar

- Oct. 16 Thursday The Practical Side of Interim Analyses - Suggested Guidelines and Methods for Project Decision Making in Clinical Studies (Biostat. Progr.)
- Oct. 27 Monday Sequential Experimentation Strategy (ASQC, ASA-SF, IEEE-Reliability)
- Oct. 28 Tuesday Keys to Good Experimentation (FEE EVENT)

## BIostatISTICS PROGRAM

**SPEAKER:** Allen Izu  
Manager of Biostatistics  
Syntex Research

**TOPIC:** "THE PRACTICAL SIDE OF INTERIM ANALYSES - SUGGESTED GUIDELINES AND METHODS FOR PROJECT DECISION MAKING IN CLINICAL STUDIES"

**DATE:** October 16, 1986 (Thursday)  
3:30 - Coffee  
4:00 - Presentation

**PLACE:** University of California at Berkeley  
1011 Evans Hall

Professor Mike Tarter has kindly offered to be the local host. Following the presentation, refreshments will be served at his home (2717 Benvenue in Berkeley).

ASQC (Santa Clara), ASA (SF Bay Area), and IEEE (Reliability)

**SPEAKER:** Dr. George Milliken  
Co-author, Analysis of Messy Data

### Talk

**TOPIC:** "SEQUENTIAL EXPERIMENTATION STRATEGY"

**DATE:** October 27, 1986 (Monday)  
6:00 - Dinner  
7:00 - Presentation

**PLACE:** ROLM Cafeteria

### Seminar

**TOPIC:** "KEYS TO GOOD EXPERIMENTATION"

**DATE:** October 28, 1986 (Tuesday)  
8:30 a.m. - 5:30 p.m.

**PLACE:** Syva Building at Syntex

**FEE:** \$100 (Handouts & Lunch)

Refer to attached flyer for additional information.

**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

Announcements

At the Joint Statistical Meeting in Chicago in August, the election of 20 new ASA Fellows were announced; three are from Northern California:

KJELL A. DOKSUM, Professor of Statistics, University of California, Berkeley; for original and fundamental contributions to statistical inference especially rank tests, shift functions, and graphical methods; for extensive editorial services; and for general services to the profession.

GEORGE G. ROUSSAS, Professor of Statistics, University of California, Davis; for fundamental scholarly work on large sample theory and inference procedures for Markov processes, for international contributions toward the enhancement of statistical practices, and for excellence in teaching and dedicated administrative leadership.

KENNETH W. WACHTER, Professor of Demography and Statistics, University of California, Berkeley; for significant research contributions at the interface between demography and statistics, for innovative data analysis in a variety of fields, for excellence in teaching, and for dedicated service to the profession.

The San Francisco Bay Area Chapter of ASA is pleased to congratulate Professors Doksum, Roussas, and Wachter for receiving this honor.

\* \* \* \* \*

The ASA is initiating an experimental series of Winter Conferences. The first will be held in Orlando, Florida, on January 7-9, 1987. The second and third ASA Winter Conferences are tentatively scheduled for San Antonio (January 1988) and Southern California (January 1989), respectively. The theme for the first conference is "Statistics in the Information Age".

These conferences are not intended to be mini annual ASA meetings. The idea is to provide a forum for individuals who are not theoretical research-oriented statisticians. Non-ASA members who practice statistics will be offered an opportunity to attend and present papers. In general, presented papers will be more expository and applied in nature than papers at the Annual Meeting, with the goal of appealing to a broader spectrum of persons practicing statistics. See the advertisement for more details and where to write for additional information.

\* \* \* \* \*

If you have an announcement or a job vacancy, let us know by writing: Kelvin Lee, 515 Tiller Lane, Redwood City, CA 94065, by the middle of the month.

1987

WINTER

CONFERENCE

# Statistics in the Information Age

ASA WINTER CONFERENCE ■ ORLANDO, FLORIDA ■ JANUARY 7-9, 1987

The first annual ASA Winter Conference will be held January 7-9, 1987, at the Peabody Hotel in Orlando, Florida. The Peabody is a new hotel located in close proximity to the tourist attractions southwest of Orlando.

The theme of the 1987 Winter Conference is "Statistics in the Information Age." Three participating ASA Sections will sponsor sessions: Statistical Computing, Statistical Education, and Statistical Graphics. Papers will be generally more expository and applied in orientation than at the Annual Meetings, with the goal of appealing to a broad spectrum of persons practicing statistics. Some objectives are to provide an opportunity to learn from experts on current topics in statistical computing, education, and graphics; to provide a forum for discussion of topics of general interest in these areas; and to provide a medium for practicing statisticians to relate useful experiences in computing, education, and graphics.

The format of the Winter Conference will be new. Highlights of the program will include featured presentations sponsored by each of the participating Sections. The speakers are William F. Eddy, Carnegie-Mellon University (Computing), Thomas J. Boardman, Colorado State University (Education), and William S. Cleveland, AT&T Bell Labs (Graphics). In addition to sponsoring invited paper sessions, each participating Section will sponsor an invited poster session. Sessions will be scheduled for orally presented contributed papers in the general areas of statistical

computing, education, and graphics. Contributed papers on other topics will be presented in poster sessions.

Some of the topics on the preliminary program are as follows:

- Computer program packages for graphics in statistical education
- Enhancing quantitative literacy
- Practical graphical techniques for design and analysis of experiments
- Graphics for multivariate statistical process control
- Computing methods to enhance graphical analysis
- Graphical methods to enhance computing
- Statistical computing and personal computers
- Graphical methods in regression analysis
- Career planning in statistics
- Getting the statistical message to management

The Program Chair is Ramon Littell, University of Florida. The Section Program Chairs are Ronald Helms, University of North Carolina (Computing); Ronald Randles, University of Florida (Education); and Perry Haaland, Becton Dickinson Research Center (Graphics). The Local Arrangements Chair is Linda Malone, University of Central Florida.

Registration, housing, and employment forms appear in the September-October issue of *Amsstat News*. Nonmembers may request this material by contacting the American Statistical Association, 806 15th St., N.W., Suite 640, Washington, DC 20005; (202) 393-3253.