The American Statistical Association

San Francisco Bay Area Chapter

Since 1928

CALENDAR

MAY 9, 1991 THURSDAY Mark Seedall
"Natural Gas Supply Planning"

MAY 22, 1991 WEDNESDAY Lydia Gans
"Statistics in Vietnam Today"

JOINT GENERAL APPLICATIONS AND BIOSTATISTICS PROGRAM

SPEAKER: Mr. Mark Seedall
Director of Fuels Policy Planning
Pacific Gas and Electric Company

TOPIC: "NATURAL GAS SUPPLY PLANNING"

Mr. Seedall will present a general discussion on natural gas supply questions in California and North America. He will also discuss supply modeling efforts, both successful and unsuccessful.

DATE: May 9, 1991 (Thursday)
noon Lunch
12:30-1:30 Presentation

PLACE: Iron Horse Restaurant
19 Maiden Lane
San Francisco

RSVP: Please call David Kimble (415) 823-9017, by May 7, for reservations, and choice of entree. Choices are: 1. Grilled Salmon, 2. Chicken with Marsala Sauce, 3. Cannelloni. ($19.00 including salad, coffee, dessert, tax & tip)

EMPLOYMENT OPPORTUNITIES

1. RESEARCH STATISTICIAN, Chevron Research, Richmond

RESPONSIBILITIES: Consult with researchers and collaborate in projects relating to lubricants, fuels, and additives development.

REQUIREMENTS: Masters degree in statistics or biostatistics and one to three years experience. Excellent communication skills are required. Experience with linear models, experimental design, automotive testing, chemical testing, SAS, /CMS, DOS and other programming languages, and database management are desirable.

SEND RESUME: Chevron Research and Technology Company, Human Resources Group, P.O. Box 1627 Richmond, CA 94302-0627.

2. BIOSTATISTICS SUPERVISOR and
INTERMEDIATE LEVEL BIOSTATISTICIAN, Syva, Palo Alto

RESPONSIBILITIES: Syva, the diagnostics subsidiary of Syntex is looking for innovative, dynamic biostatisticians seeking new challenges. Candidates for both the intermediate level and the supervisory position must demonstrate broad based, in-depth understanding of os statistical experimental designs and analyses. These positions call for the ability to apply relevant statistical concepts and the ability to communicate these concepts to non statisticians. Excellent listening, written and oral presentation skills are required.

REQUIREMENTS: The senior level position requires a Ph.D. in statistics, plus related experience in pharmaceutical or medical diagnostic programs. Candidates will have proven leadership skills, and experience with clinical trials, PMA's and PLA's. The intermediate level position requires an M.S. in statistics an three years related experience.

SEND RESUME: Syva Human Resources, Dept EP, MS 1-105, P.O. Box 10058, Palo Alto CA 94303, FAX (415) 857-1374.

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SF Bay Area Chapter Business

ADDRESS CHANGES/DUES:

Changes of address should be sent to the chapter treasurer, Lenny Ayyangar at the address listed below.

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 date that your dues **expires** (This is a revision of previous printed date conventions.) If you are overdue please send $8 to:

Lenny Ayyangar
Syntex Research
3401 Hillview Avenue
P.O. Box 10850
Palo Alto, CA 94303

JOINT GENERAL APPLICATIONS AND BIOSTATISTICS PROGRAM

SPEAKER: Dr. Lydia Gans
San Francisco State University

TOPIC TOPIC: "STATISTICS IN VIETNAM TODAY"

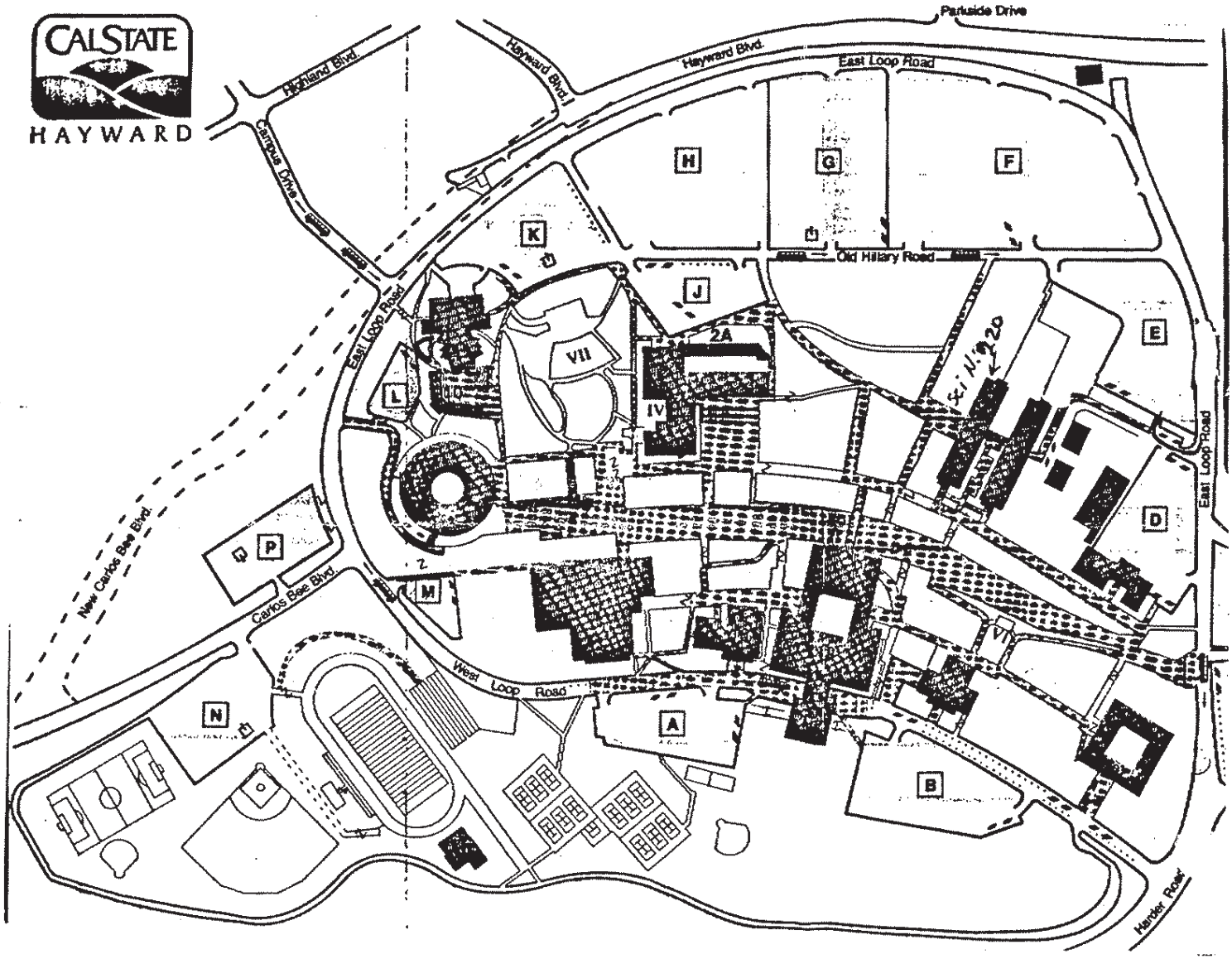
Dr. Lydia Gans will speak on her 19911 visit as lecturer to the Hanoi Mathematical Institute. She will describe how statistical methods are applied in Vietnam. She met with people in the universities and science centers that use statistics, and toured Hanoi and Ho Chi Minh City. Photographs of her visit will be shown.

Dr. Gans taught at California Polytechnic Institute at Pomona for 20 years. She organized the Statistical section of their Mathematics Department. After retiring from Cal Poly, she has been teaching at San Francisco State and consulting in public health and disability applications. She received her Ph.D. in applied statistics from UC Riverside in 1978.

DATE: May 22, 1991 (Wednesday)
3:30 Coffee
4:00 Presentation

PLACE: Department of Statistics
California State University at Hayward
North Science Building, room 220

DIRECTIONS: From I-880 in Hayward, take the Jackson Street exit east. Turn right onto Harder Rd. Continue up Harder to the campus and park in pay lot G. From the Peninsula, take the San Mateo Bridge into Hayward. This highway becomes Jackson street. The pay lot fee is $1.50 in quarters only.



American Statistical Association
SAN FRANCISCO BAY AREA CHAPTER
921 Regal Road
Berkeley, CA 94708

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CALENDAR

MAR 14, 1991 THURSDAY — Ian Abramson
"Longitudinal Data and Growth Curves"

APR 11, 1991 THURSDAY — Mike Locke and Christina Mellin
"Object Oriented Statistics in the Frequency Domain - Environmental Applications"

JOINT GENERAL APPLICATIONS AND BIOSTATISTICS PROGRAM

SPEAKER: Ian Abramson
University of California, San Diego.

TOPIC: "LONGITUDINAL DATA AND GROWTH CURVES - NEW ANGLES ON OLD MODELS"

When a large cohort is followed in time, even linear modeling of responses may be difficult, as some (but not all) of the parameters are naturally subject specific. The mixed model is one solution to this difficulty, but it has its own drawbacks. It is necessary to postulate a parametric model (usually Normal) for the random effects. The resulting nonlinear likelihood function is often troublesome.

Professor Abramson will discuss an iterative algorithm (coded in S), which will solve very large least squares problems as if all effects were fixed, and thus allows conditional inference given the random effects.

Since the inference is conditional, there is no tie to a specific random effect model. This method may lose power in some situations. An interesting archetypical problem, for which there is no power loss for large data sets, will be presented.

Floating effects are random effects, which we do not want to model stochastically. There may be some asymptotic setting for which the empirical distribution of these floating effects converges weakly. Is it possible to reconstruct this limiting distribution from noisy point estimates of the floating effects ? Are there shrinkage schemes which produce good simultaneous estimates ? Empirical Bayes and other approaches will be discussed.

Illustrations will be drawn from the San Diego Family Health Project (a behavioral study) and from a simulated experiment in tumor growth.

DATE: Mar 14, 1991 (Thursday)
4:00 - 4:30 Coffee (479 Kerr Hall)
4:30 Presentation (1322 Storer Hall)

PLACE: University of California
Davis, CA

Refreshments will be in room 479 Kerr Hall
Presentation in room 1322 Storer Hall

EMPLOYMENT OPPORTUNITIES

1. BIOSTATISTICIAN I/II, Syntex, Palo Alto

RESPONSIBILITIES: Design Phase IV clinical trials. Plan, coordinate and generates statistical analyses and reports. interact with statisticians, medical personnel, data processing and marketing staff.

REQUIREMENTS: Ph.D. in Statistics or Biostatistics (or MS/MA with 3+ years experience in medical field) for Biostatistician I. Ph.D. with 3+ years experience (or MS/MA with 5+ years experience) for Biostatistician II. Excellent verbal and written communication skills, broad background in applied parametric and nonparametric statistics, and SAS programming skill are required. Should have good organization, problem solving and interpersonal skills.

SEND RESUME: Roxie Naes, Senior Employment Representative, Staffing Department, L-1108, Syntex LAbs, 3401 Hillview Ave, Palo Alto, CA 94303 or FAX to Roxie Naes (415) 354-2640. or call Ling-Ling Tsao at (415) 855-6532 for additional information.

2. STATISTICIAN, Kaiser Foundation Health Plan, Oakland

RESPONSIBILITIES: Conduct health care utilization and economic studies in the Medical Economics and Statistics Department of Kaiser Permanente's corporate offices. Provide technical assistance and training in the arease of : forecasting, actuarial, utilization and economic studies to Permanente Regional staff nation wide. Some travel is required.

REQUIREMENTS: Masters degree in statistics, economics or quantitative social science discipline and 3-5 years experience with quantitative analysis of applied research. Excellent written communication skills and proficiency with statistical analysis software required. Experience with econometric software preferred.

SEND RESUME: Kaiser Foundation Health PLan, Inc. One Kaiser Plaza, Room 2602. Oakland, CA 94612. AA/EEO Employer.

4. STATISTICAL CONSULTANT

RESPONSIBILITIES: Advise and/or perform demographic direct mail respondent and targeting analyses - some familiarity with software options for direct mail companies required.

CONTACT: Mr. Kennedy (415) 326-4017

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Syntex Research
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DR. ROSE M. RAY
921 REGAL ROAD
BERKELEY, CA 94708
Exp: 04/15/1991

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