The American Statistical Association

San Francisco Bay Area Chapter

Since 1928

November, 1993

Joint Biostatistics and General Applications Program

Inventory Levels for Telephone Switching Spare Parts

Speakers: Joanne Spaulding and David Kimble
Pacific Bell

We will present a guideline for stocking telephone switching spare parts. This application uses several areas of study to determine the guidelines among which are: stochastic processes, and reliability engineering to determine demand rate and decision theory to determine the value of an out-of-service line and the overall recommendation. The model is briefly contrasted to a classical statistical approach developed by AT&T.

Date: November 10th

Time: 3:30 - 4:00 Refreshments
4:00 - 5:00 Talk

Place: North Science Building, Room 206
California State University, Hayward

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.

President's Mesage

The science of statistics' ubiquitous usage in today's America is a testament to our success! Its everyday usage in medical and pharmaceutical research, in public policy, in business research, in reliability engineering and quality evaluations, and even in sports reporting cannot be denied. The entire industry of telephony, for example, is engineered on queueing theory. (How many operators are needed?, how many trunk lines are required?, how large should the switch be?, are only a few of a myriad of questions answered by queueing models.) Radio astronomy was made possible by the frequency analysis work of John Tukey and other statisticians. The list of fields where successful contributions have been made would surely fill many pages. As arguably the most successful science this century, statistical theory and practice has made major contributions to today's America.

The Bay Area universities are renowned for being on the forefront of statistical development. This statement need not be supported by the countless number of examples we all have studied, worked on, or applied.

This situation presents our chapter with a unique opportunity and an extraordinary challenge. On one hand the infrastructure of statistical theoretical development and application is here and all around us. On the other hand, how can our association best add to all of this?

As a chapter, our answer to this challenge is to continue to offer meetings where a wide range of papers is presented! There are two improvements this year. One is the formation of a committee representing the three area universities with statistics departments that will meet and plan with chapter officers. (Dean Fearn, Mike Tarter, and Tony Thrall have agreed to this role.) This should help bridge the business world to the academic world in the future. The second improvement will be the use of e-mail. Through the help of UC, we will be mailing announcements on Internet starting this year. This will deliver the newsletters more timely with less cost than third class mail. In the mean time and for members who will not be on e-mail, we will be sending all announcements out using first class mail. This will increase our meeting attendance.

I have a request of you! Make a commitment to attend at least one meeting this year! This will help us solidify the growth and successes we all have all had a hand in! As a group this can only benefit us all!

Sincerely,

David Kimble

H.M. (Mike) Ardley 1926-1993

Sadly, Mike Ardley, former ASA San Francisco president, passed away on June 24.

Mike was born and attended school in Oakland, California, He graduated valedictorian from Oakland High. During his high school senior year, Mike volunteered for the Army Air Corps and served during World War II in the Pacific. After the war, he graduated from the University of California at Berkeley with a Bachelors of Science in statistics.

Mike made his career applying statistical theory to business problems. He started at Pacific Telephone and Telegraph as director of statistics in the mid-1950's and continued in that role until his retirement in 1983. After retiring from Pacific Telephone, he worked as a consultant on California PUC questions as well as reliability and production problems in the Palo Alto area. He was widely known for his dedication and his integrity for putting the long term interest of his profession ahead of short term goals. Management and peer respect extended beyond Pacific Telephone and the Bell system to the California PUC which held a high regard for his work and integrity.

Follower of William Cochran and Edward Deming, he believed in the simplicity of sampling theory and made a career applying it to corporate business questions. Mike's group worked on hundreds of financially sensitive business studies.

Mike served as an officer of the San Francisco Bay Area chapter of the ASA and with Professor Michael Tarter was a key leader in unifying the business and academic statisticians. He served as the chapter president from 1981 to 1983, with characteristic "I want to give back something to the profession that has given me so much."

Job Opportunities

Part-time Biostatistician

Syntex Labs Inc., Palo Alto, Ca.

Responsibilities: A part-time job-sharing position. Will work 16 hours per week sharing the responsibilities with a Biostatistician I. The responsibilities are (1) design phase IV clinical trials, (2) plan, coordinate, and generate statistical analyses/reports of data from these trials to supply safety and efficacy information for use in publications, marketing, or regulatory submissions, (3) interact with other statisticians and non-statisticians such as medical personnel, data processing staff, marketing staff.

Requirements: PhD or MS in Biostatistics or Statistics with experience in pharmaceutical industry or medical research field. Asso. Research Biostatistician (PhD): 0-1 year. Biostatistician I (MS): 3-5 years. Associate Biostatistician (MS): 2-3 years.
Good verbal and written communication skills. Strong SAS programming skills. Good level of organization, problem solving, and interpersonal skills. Ability to translate client's needs into statistical practice and to educate clients in the use of statistics.

Contact: Call Merrill L. Martin, Senior Employment Representative
(415) 855-6531
or mail resume to:
Merrill L. Martin
SYNTEX, INC.
3401 Hillview Avenue, A2-274
Palo Alto, CA. 94303
(Please refer to Job Listing #TCASAMM10)

Senior Statistical Analyst

Syntex Corporation

Responsibilities: Support our Sales and Marketing departments by conducting statistical analyses for business decisions. You will design and implement profitability studies for potential sales and marketing programs, and recommend resource allocations to senior management. You will also test the effectiveness of promotional programs, and will help develop target marketing programs using customer-level databases.

Requirements: Requires an MS degree (or equivalent) in Statistics, Operations Research, or Management Science, and 4+ years of applied statistical analysis experience in a business environment. Candidates should be familiar with optimization algorithms, cluster analyses, as well as UNIX, SAS, or other databases management tools. Our ideal candidate for this position is motivated, creative, very comfortable with databases management, and has strong written and oral communication skills.

Contact: Syntex offers competitive salaries and generous benefits including relocation assistance, an incentive bonus plan, on-site health club, and daycare facilities. Please send your resume indicating Dept. MCAS1027MM, to Syntex Corporation, Professional Staffing Dept., 3401 Hillview Avenue, Suite A2-310, Palo Alto, CA 94304. Syntex is an equal opportunity employer committed to the values of a diversified workforce.

Job Opportunities

Senior Statistician

Herpetic Eye Disease Study

General Description: One-half of this position is as the statistician in a clinical trials coordinating center and involves data management and analysis for a set of clinical trials in ophthalmology. The other one-half consists of statistical consulting, statistical analyses, and data management for various projects of the Proctor Foundation.

Responsibilities: 1. Coordinating Center -- Direct the day-to-day operations for the data coordinating center for a set of multicenter clinical trials in herpetic eye disease. Supervise data quality assurance, maintain a Paradox-based distributed data entry system, retrieve data via modem, integrate the retrieved data into a master database, issue reports, perform data analyses for reports and manuscripts, provide technical assistance and programming support for other coordinating center functions. Generate randomization code, make arrangements for drug packaging, labeling, and distribution. Set agenda for, assemble reports prior to, and take minutes at meetings of the Data and Safety Monitoring Committee. Participate in design and revision of study protocol and data collection forms. Some travel is required.
2. Proctor Foundation -- Functions will be similar to those in #1, except will involve various projects and consulting.

Skills and Experience: Master's degree in Statistics or Biostatistics and 2 years of clinical trial experience (preferably in pharmaceuticals). Familiarity with DOS-based personal computers and experience with Paradox and PC-based statistical programs (such as SAS, SYSTAT, or BMDP) is required. Statistical experience should include survival analysis and logistic regression. Experience with OS/2 and Paradox's PAL programming is desirable.

Salary range: $39,420 - $59,184

Contact: Lauren Gee
Herpetic Eye Disease Study
Box 0944
University of California
San Francisco, CA 94143-0944
(415) 476-1232

E-Mail Update

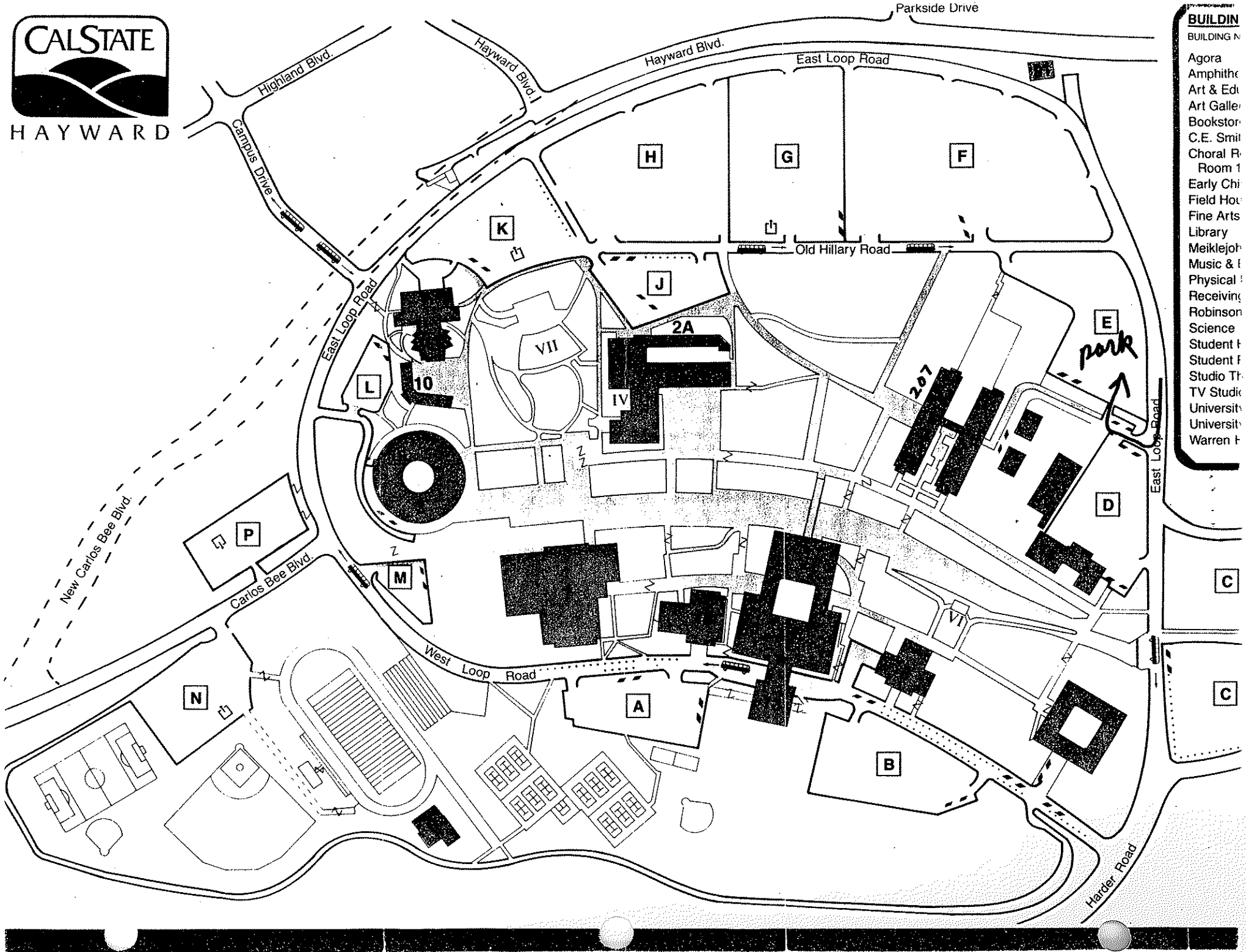
The Bay Area chapter of the ASA will soon be sending announcements of upcoming meetings, seminars and classes through electronic mail. If you currently have an Internet e-mail address, please send it to me so I can add you to our electronic mailing list. My (postal) address is

Michael Lock
Becton Dickinson
2350 Qume Drive
San Jose, CA 95131-1807.

Of course, it would be even better if you contacted me through e-mail. My Internet address is

Michael_Lock@bdis.com

If you don't already have e-mail, or if you are not quite sure how to make an Internet connection, look forward to more information from me on the subject in upcoming newsletters.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