



# The American Statistical Association

## San Francisco Bay Area Chapter

Since 1928

December, 1996

### Joint Biostatistics and General Applications Program

#### Panel Discussion and Holiday Party

#### "Graduate Education in Statistics: How Well Are Students Prepared for Careers in Industry or Academia?"

##### Panelists:

- Professor Dean Fearn, *California State University, Hayward*
- Dr. Alan Hopkins, *Genentech*
- Professor Kathleen Lamborn, *University of California, San Francisco*
- Dr. David Rowe, *Bank of America*
- Dr. Loren Schoof, *Pacific Bell*
- Professor Terry Speed, *University of California, Berkeley*

##### Abstract

This year's panel discussion focuses on how well a graduate education in statistics prepares students to meet the challenges they face in either industry, research, or teaching. Our panel is composed of leading statisticians from both universities and industries in order to provide a diverse range of viewpoints on the current health of statistics education and on how it can be improved. In particular, panelists will address opportunities for industry and universities to collaborate to better prepare students for careers in statistics. Audience members are also encouraged to join the discussion.

**Date:** Thursday, December 12, 1996

**Time:** 3:30 - 4:00 PM Refreshments  
4:00 - 5:00 PM Discussion

**Place:** Room 1011 Evans Hall, U.C. Berkeley, Berkeley CA

**Reception:** Professor Mike Tarter will host a reception at his house following the discussion. Maps to Mike's house will be available at the meeting.

**Directions:** See insert for a map of the UC Berkeley Campus. Parking is available at public lots and meters. Two-hour free parking is available but scarce in the neighborhoods near campus. Campus parking garages require \$3.50 (quarters only).

### OPEN POSITIONS:

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You will need an MS or Ph.D. in Statistics, or equivalent, with a minimum of 3 years' experience in an industrial or pharmaceutical environment. You will need experience in design and review of test protocols, validation, analysis of clinical data, design of experiments and SPC. You must be proficient in SAS, as well as be an experienced project leader. You must be a proven team player and possess strong interpersonal and communication skills. Your knowledge of FDA requirements of medical devices is desirable.

If interested, please send your resume to:  
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Milpitas CA 95035  
Attn: HR Source code: ASAN96PM

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## **Evolutionary/ecological Statistician**

### **San Francisco State University**

The Department of Biology at San Francisco State University invites applications for a tenure track position at the level of ASSISTANT PROFESSOR. Candidates must have a Ph.D., postdoctoral experience, and a proven record of research achievement and teaching excellence. The successful applicant will be encouraged and supported to develop an extramurally funded research program.

We are seeking a candidate with a broad understanding of statistical theory and methods, and a research record in statistics applied to any area of ecology or evolutionary biology. Responsibilities will also include teaching undergraduate and graduate courses in biometry, participating in the biology curriculum and consulting with graduate students and faculty on statistical issues.

Applicants should submit (to the Chair of the appropriate committee) a curriculum vitae, statements of research and teaching interests, copies of relevant publications and three letters of recommendation to:

Chair,  
Ecological/Evolutionary  
Statistician Search Committee  
Department of Biology  
San Francisco State University  
1600 Holloway Ave  
San Francisco, CA 94132

Application materials must be received by December 14, 1996. The position is pending approval. San Francisco State is an equal opportunity employer; women and minorities are encouraged to apply.

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## **Senior Biostatistician Clinical Company, Southern California**

The minimum qualifications for this position are a M.S. in Biostatistics or a related field, or the equivalent combination of education and experience. The applicant will typically have five years of biostat/statistical clinical experience in the biotech/pharmaceutical industry. The applicant must have good organization and planning skills. Good communication skills. Ability to effectively document activities and communications. Advanced understanding of clinical research methodology. FDA experience with good knowledge of FDA regulations. Experience with SAS, Windows and relational databases. Ability to accomplish tasks independently. Independent contribution to clinical study design and development.

If you are interested in this opportunity, please mail or Fax your CV/resume or contact: Anna Floyd; The Chase Group; Phone: 913-663-3100;

FAX: 913-663-3131;

e-mail: [anna@chasegroup.com](mailto:anna@chasegroup.com).

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## **M.S. Biostatistician Environmental Risk Analysis, San Mateo**

Environmental Risk Analysis, Inc. is a new and rapidly growing scientific consulting firm that offers services in biostatistics, statistics, epidemiology and environmental risk analysis. Our clients are Fortune 500 companies and law firms. The position is located at our San Mateo office. We are seeking an individual with a Masters degree in Biostatistics or Statistics with courses or experience in environmental epidemiology.

Responsibilities of the position include:

- Performing statistical analyses using statistical software packages, primarily SAS;

- Performing critical reviews of health and medical literature related to epidemiology and environmental health;

- Assist in conducting quantitative health risk and statistical analyses;

- Writing computer code to perform specialized statistical analyses (SAS Macros, FORTRAN, S-Plus).

The ideal candidate will have course work or experience in linear models, categorical data analysis, survival analysis, epidemiologic methods, survey sampling, multivariate analysis and occupational and environmental health and epidemiology. Experience with IBM compatible PCs and using SAS on PCs is required. Experience with one programming language (FORTRAN, S-Plus) is desired. Good oral and written communication skills are necessary.

For confidential consideration please send a resume to:

William Butler, Ph.D.

Environmental Risk Analysis, Inc.

1670 Amphlett Blvd., Suite #115

San Mateo, CA 94402-2512

FAX: 415-655-7281

We are an equal opportunity employer.

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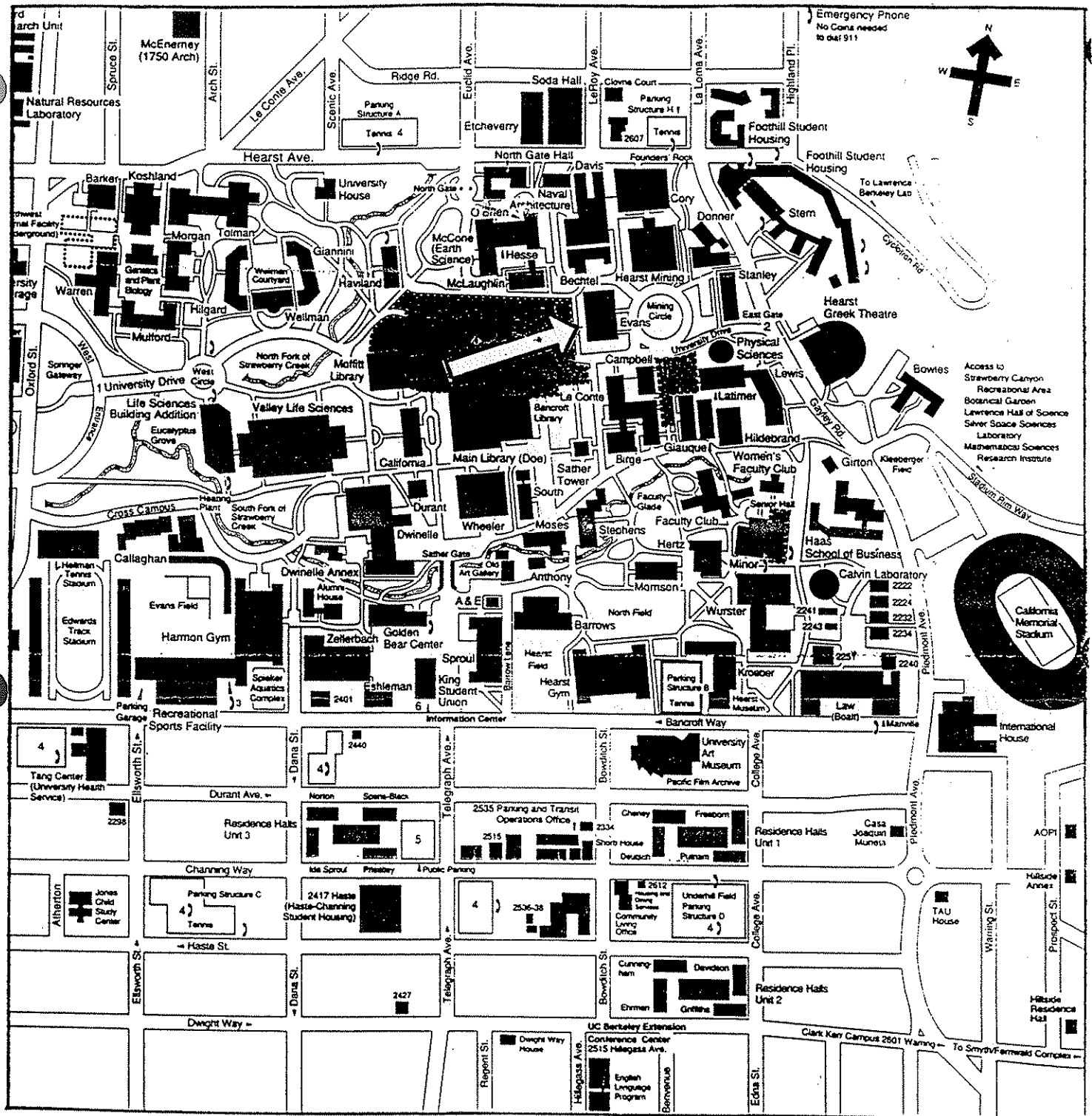
## **Ph.D. Biostatistician Environmental Risk Analysis, San Mateo**

Environmental Risk Analysis, Inc. is a new and rapidly growing scientific consulting firm that offers services in biostatistics, statistics, epidemiology and environmental risk analysis. Our clients are Fortune 500 companies and law firms. The position is located at our San Mateo office. We are seeking an individual with a Doctorate degree in Biostatistics or Statistics with 3+ years of experience including quantitative health risk analysis.

Responsibilities of the position include:

- Performing critical reviews of health and medical literature related to epidemiology and environmental health;

- Communication (written and oral) of findings and conclusions to team



From I 80 in Berkeley, take University Avenue east until it ends at the west gate of the campus. Evans Hall, on the east side of the campus, is marked with an arrow in the map above. Limited free and metered parking is available on the residential streets (LeRoy Ave., La Loma Ave., Ridge Rd. and Highland Pl.) north of the campus. Additional metered parking can be found along

Hearst and Oxford Avenues. Additionally, the City of Berkeley operates a meter parking lot at Hearst and Alston, and a parking garage at 2025 Center St. Free campus shuttle buses stop at Evans Hall and numerous other locations around the campus including across from the Berkeley BART station on Shattuck Ave.

members, clients and health professionals;

Performing and supervising statistical analyses of health and environmental data sets using statistical software packages, primarily SAS and SUDAAN;  
- Assist in conducting quantitative health risk and statistical analyses.

The ideal candidate will have experience and/or course work in occupational and environmental epidemiology, quantitative risk assessment, research design; and statistical methods including linear models, categorical data analysis, survival analysis, survey sampling and multivariate analysis. Demonstrated ability to communicate technical information is required as is experience with IBM compatible PCs and SAS. Experience with one programming language (FORTRAN, S-Plus) is desired.

For confidential consideration please send a resume to:

William Butler, Ph.D.  
Environmental Risk Analysis, Inc.  
1670 Amphlett Blvd., Suite #115  
San Mateo, CA 94402-2512  
FAX: 415-655-7281

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### Senior Statistical Analyst Technology Assessment Group, San Francisco

Technology Assessment Group (TAG) is a San Francisco-based international health care research and consulting firm with special expertise in the evaluation of economic and quality-of-life impacts of new medical technologies and health conditions.

We seek 1-2 individuals with 5 years of experience performing data analysis in a research environment. The ideal candidate has a MS or PhD in statistics, 5 to 10 yrs of experience performing statistical analysis using SAS software and 2 to 3 years of experience supervising SAS data analysts. This position requires a thorough understanding of SAS data step programming and statistical analysis

procedures, especially linear models. Experience analyzing survey data, processing medical claims data, and working with large data sets are desirable. Excellent written and verbal communication skills and an ability to explain sophisticated statistical methods to non-specialists is essential.

Please supply salary requirements. TAG offers competitive salaries & benefits.

Please send resume and cover letter to:

Technology Assessment Group  
490 Second Street  
Suite 201  
San Francisco, CA 94107

Fax: 415/904-4158  
e-mail: ceubanks@tagsf.com .  
No calls. EOE.

research, preferably in health care.

Applicants must demonstrate knowledge of multivariate and distributional statistical methods, proficiency in SAS programming and familiarity with technical consulting. Studies apply epidemiologic and statistical methods to analyses of large, complex computerized data sets. Current topics include assessment of health outcomes, development of risk adjustment techniques and analysis of health services utilization. Send CV to:

Director of Special Studies  
Kaiser Permanente  
One Kaiser Plaza  
Oakland CA 94612

Fax: 510-271-5815.

### Statistical Research Consultant Kaiser Permanente, Oakland

The Special Studies department of Kaiser Permanente's Program Offices is seeking a statistical research consultant. This FTE position requires at least a Master's degree with an emphasis on quantitative studies and three or more years of

### Submissions to the SF ASA Chapter Newsletter

Please send your submissions to Ann Kalinowski, Failure Analysis Associates, 149 Commonwealth Drive, Menlo Park, CA 94025. Phone:(415)688-7203, Fax:(415)328-2988,email:sfamk@fail.com.

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San Francisco Bay Area Chapter

**American Statistical Association**

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