



# The American Statistical Association

## San Francisco Bay Area Chapter

Since 1928

February, 1999

### Joint Biostatistics and General Applications Program

#### "workshop On Careers for Statisticians in the Pharmaceutical Industry"

The Speakers: (in order of appearance)

**Drew Watson, PhD**, Director of Quantitative Biology, Incyte Pharmaceuticals, topic: bioinformatics, computational molecular biology, technology development, and quality improvement.

**David Giltinan, PhD**, Staff Scientist, Genentech, Inc. topic: preclinical research, PK/PD, analytical methods validation, quality control.

**Art Devault, PhD**, Senior Director of Biometrics, Pharmacyclics, Inc. topic: clinical trials support.

**Andrew J.L. Cary, MS**, President, Cary Consulting, topic: clinical data management, information technology, computer systems.

**Chris Barker, PhD**, Principal Pharmacoeconomic Statistician, Roche Bioscience, topic: pharmacoeconomics contribute significantly to determination of the optimal exam.

**Date:** Wednesday, February 24, 1999

**Time:** 3:30 - 3:45 Refreshments

3:45 - 4:00 Chapter Business

4:00 - 5:15 Speakers' presentations

5:15 - 5:30 Q & A

5:30 - 6:00 Follow-up discussion

**Place:** North Science Bldg., # 215, Cali. State. Univ, Hayward

**Direction:** Please see reverse

### Spring Short Course on Survival Analysis

After the first and very successful short course on "Wavelets" in June 98, our chapter is now again organizing a short course on April 30, 1999, in Villa Hotel of San Mateo. This course will be taught by Professor Danyu Lin at the University of Washington, Seattle. Professor Lin is a well established and well known researcher in the field of Survival Analysis and Clinical Trials to his peers as well as governmental agencies, such as FDA. A full day course on "Survival Analysis in Clinical Trials" is the topic of his course. Detailed information, including course syllabus and registration procedure, will be posted in the near future. Please forward questions to the Chapter President, Dr. Ying Lu, at his email: [ying.lu@oarg.ucsf.edu](mailto:ying.lu@oarg.ucsf.edu).

### Travel Scholarship

This year the Chapter has approved a new Travel Scholarship program. The program provides \$300 each for up to two full-time students who have had their abstracts accepted for presentation by the Joint Statistical meetings this August in Baltimore. Eligible students must also be Chapter members. If more than two eligible students apply for the scholarship, the final selection will be made at random. For further information about this new program, please contact Dr. Ying Lu, the Chapter President, at [Ying.Lu@oarg.ucsf.edu](mailto:Ying.Lu@oarg.ucsf.edu). The Chapter Officers home that more such programs can be available as a service to our members. If you have any ideas for such programs or for sources of funding for these programs, please do not hesitate to contact any of the Officers. Their contact phone numbers and e-mail addresses are given below.

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## New Deadline For K-12

In the previous newsletter, the K-12 program was announced for our Chapter. In response to many requests, we have extended our deadline for nominations to March 1, 1999. Please submit your nominations to Kelvin K. Lee at 182 Exeter Avenue, San Carlos, CA 94070.

## Direction to CSU

From Interstate 880, take Tennyson St. Exit. Take a right ( east ) onto Tennyson Street. Continue up Tennyson Street a few miles. Turn left ( north ) on Mission Blvd. Turn right onto Carlos Bee Blvd and go up the hill toward the CSU Hayward campus. There is metered parking on the street that runs through the middle of the campus. Alternatively, you can purchase a day parking permit for \$1.50 ( quarters only ) at the machine in Parking Lot F.

North Science Building is one of two twin, adjacent, three-story buildings on the southeast end of the campus. Campus directories are located throughout the campus grounds.

## College of Notre Dame

COLLEGE OF NOTRE DAME is now offering three new statistical related B. S. degrees providing excellent preparation for graduate study and statistical careers. Students learn in a friendly environment including small classes, close interaction with faculty, individual attention, and personalized advising. The programs focus on developing strong quantitative, analytical and research skills.

Biology-Statistics. Emphasis on biological processes and their statistical analysis. Careers in: Biotech Industry, Medical Research (Biostatistician, Research Statistician). Financial Statistics. Emphasis on financial processes and their statistical analysis. Curriculum covers the requirements requested by five actuarial exams. Careers in: Banks, Brokerage Firms, Insurance Companies (Financial Analyst, Statistician, Actuary).

Mathematics & Statistics Track. Emphasis on statistical methods and software in a strong theoretical framework. Careers in: Financial Services, Insurance Industry, Biotechnology, Government Agencies.

Conveniently located in Belmont, on the Peninsula, halfway between San Francisco and San Jose, COLLEGE OF NOTRE DAME has a rich history of providing excellent education since 1851.

For more information, please contact the Department of Mathematics and Computer Science, [www.cs.cnd.edu](http://www.cs.cnd.edu), [mcsadmin@cnd.edu](mailto:mcsadmin@cnd.edu), 650-508-3472

Office of Admission: [www.cnd.edu](http://www.cnd.edu), 650-508-3607, 1-800-263-0545.

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## Job Posting

### Biostatistician Pharmacyclics Inc Sunnyvale, CA

You will be responsible for the design and analysis of clinical trials, perform/program statistical analyses. Write analysis plans statistical sections of protocols and reports. Work closely on project teams and with external collaborators. 1)Collaboration with medical monitors on protocol design (author statistical methods section and generate study randomization), 2)Generate statistical analysis plan for assigned protocols (include. Mock displays), 3)Assume responsibility for individual studies, write statistical portion of integrated clinical/statistical reports, 4)Develop statistical programs as necessary to perform analysis prepare data displays, verify data accuracy and validity, 5)Supply statistical input for NDA submissions and in response to FDA queries, 6)Provide support for investigator publications, 7)Review case report forms to ensure that protocol objectives are met and project standards are maintained. Demonstrated sound knowledge of applied statistics and biostatistics and relevant experience in the application of statistics to medical trials. Experience with SAS (and S-Plus). Strong interpersonal and effective

communication (oral and written) skills. Pharmaceutical industry or closely related experience required. Ph.D. in Biostatistics or closely related discipline or a Master's Degree in Biostatistics with a minimum of 2-3 years experience in the support of clinical studies.

If interested, please submit your resume and salary requirements to:

PHARMACYCLICS, INC., 995 E. Arques Avenue, Sunnyvale, CA 94086, Attn.: Human Resources Manager, FAX: (408)774-0340, or email: [hr@pcyc.com](mailto:hr@pcyc.com), Hiring Manager Art DeVault (408)774-3350.

## DATA ANALYST ALZA, Palo Alto

ALZA Corporation in Palo Alto is a leader in the development and commercialization of innovative pharmaceutical products using advanced drug delivery technologies that add medical and economic value to drug therapies.

We are seeking a detail-oriented and experienced analytical thinker to maintain stability databases, establish new programs, perform data analysis, prepare stability reports, and implement LIMS. You must possess a BS in Chemistry, Computer Science or Biostatistics with 2+ years experience in an analytical lab, programming or database support position. Demonstrated knowledge of SAS, Basic, and Access is essential. Quality Assurance desired. Please send resume to ALZA Corporation, HR Dept., Attn: Job#: SJM0199-LR, 950 Page Mill Road, PO Box 10950, Palo Alto, CA 94303-0802; fax: (650) 494-5656; email: [jobs@alza.com](mailto:jobs@alza.com) (ASCII files only). Job Hotline: (650) 494-5319.

## Biostatistician Genetech, South SF

Provide in-house statistical consulting support to researchers engaged in all aspects of preclinical and early clinical drug development. Responsibilities include collaborating with scientists in Discovery Research, Development, Process Science, Manufacturing, and Quality Control to design experiments, collect and analyze data, interpret results, and write reports. There



is also the opportunity to provide statistical input to the design, conduct, and analysis of early Phase clinical trials.

This position involves some training responsibilities - teaching classes on the fundamental techniques of applied statistics, and how to implement them using appropriate statistical software.

Qualifications: Ph.D. in Statistics or Biostatistics. Some familiarity with the main statistical issues in the pharmaceutical and biotechnology industries. Programming experience using SAS or Splus. Strong communication and interpersonal skills; ability to work effectively in teams, and to lead by influence. 3+ years working in a statistical consulting setting. Previous experience in designing and analyzing pharmacokinetic studies an advantage.

For more information, please check out our website at [www.gene.com](http://www.gene.com), contact Mr. Richard Llewellyn at his email address: [rllewel@gene.com](mailto:rllewel@gene.com), or write to the Dept. of Human Resources at P.O.Box 1950, South SF, CA 94083-1950.

### Consulting Position

#### William E. Wecker Assoc., Inc. Marin County, CA

William E. Wecker Associates, Inc. provides consulting services in applied statistics, mathematics, economics and finance. Our work is unique, providing state-of-the-art solutions to complex problems. Clients include Fortune 500 companies, financial institutions and government agencies. We are seeking graduates with at least a masters degree in statistics, computer science, mathematics or related fields. Candidates should have a strong facility with statistics, data analysis, mathematical methods and associated computer software (SAS, S-Plus and Mathematica a plus). Successful applicants will work with firm principals to formulate client problem solving strategies and will manage project problem solving. Advancement opportunities are unlimited. The firm is small and the work environment is informal. Salaries and benefits are extremely competitive and commensurate with performance. We are located in Novato, thirty minutes north of San Francisco. Please fax or mail resumes and

most recent university transcript to G. H. William E. Wecker Associates, Inc., 505 San Marin Dr. Novato, CA 94945, [emploment@wecker.com](mailto:emploment@wecker.com), or Fax (415)898-2260. No phone calls please.

#### Biostatistician & Associate Director Gilead Sciences, Inc. Foster City, CA

Gilead Sciences, Inc. is an independent biopharmaceutical company that seeks to provide accelerated treatment solutions for patients and the people who care for them. We discover, develop and commercialize proprietary therapeutics for important viral diseases.

We currently have the following positions available:

#### Biostatistician

##### Job Description:

You will be responsible for the design and analysis of clinical trials, including writing plans, statistical protocols, clinical reports and assisting with the completion of NDAs. Preparation of reports for data and safety monitoring boards as well as final analyses will also be involved.

##### Requirements:

Qualifications include a MS/PhD in Biostatistics with 3 years relevant field experience. Knowledge of experimental design, survival analysis, longitudinal/missing data techniques, generalized linear and nonlinear models, mixed

models, robust procedures, nonparametrics and bootstrapping is required. Experience with SAS macros, SAS/SQL, and SAS/Graph is highly preferred. Job Code: BASA98-180.

#### Associate Director, Data Management

##### Job Description:

You will be responsible for leadership of data management team including global strategy and infrastructure. Understanding of new technology implementation and its impact on resources/timelines as well as how to plan resources across projects to meet deadlines required. The ability to write RFPs for data management services and interact effectively with CROs is also required. In addition, you will coordinate the activity of outside contractors and develop data management SOPs and CRFs while interacting effectively across a high level interdisciplinary team.

##### Requirement:

A BA/MS in health/computer sciences with a minimum of 8 years data management experience in pharmaceutical or health care research. Detailed knowledge of clinical databases as well as drug nomenclature is also necessary. Excellent organizational writing and communication skills are essential. Job Code: BASA98-211. Please send a resume, indicating job code, to HR Gilead Sciences, 333 Lakeside Drive, Foster City, CA 94404, fax (650)573-4800, or via email to: [careers@gilead.com](mailto:careers@gilead.com) (please include all information in the body of the email). Gilead Sciences is proud to be an equal opportunity employer.

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