



The American Statistical Association

San Francisco Bay Area Chapter

Since 1928

March, 1995

Joint Biostatistics and General Applications Program

Backcalculation of Multiple Sclerosis Incidence Rates

Nicholas Jewell

Vice Provost

University of California, Berkeley

Multiple sclerosis first appeared in the Faroe Islands after the arrival of British troop ships in 1941. As a result, incidence data from the islands has been studied as to the clues provided regarding hypotheses concerning the putative environmental or infectious causes of the disease. I will consider this small data set – 32 cases – using modern backcalculation ideas developed for the study of HIV incidence. The influence of covariates and dependence amongst yearly diagnoses counts will also be considered.

Date: Thursday, March 2, 1995

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

Place: Room 303, Medical School Office Building
(same room as for biostatistics workshops)
Stanford University

Directions: Bill Brown will host a reception following the talk. Maps to the reception will be available at the meeting.

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Rose Ray
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(510) 823-9020

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(510) 881-3435

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(415) 476-8863

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(415) 393-5213

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(408) 954-2583

STANFORD UNIVERSITY PARKING & CIRCULATION MAP 1994-95

Make sure to check the actual signs in the lot before you park. The parking designations on this map, along with all our conditions and regulations, are subject to change at any time.

Also note that many lots are signed only at the entrance. In "shared" lots – i.e., those posted "C/East Residences" – you may park with either permit designated.

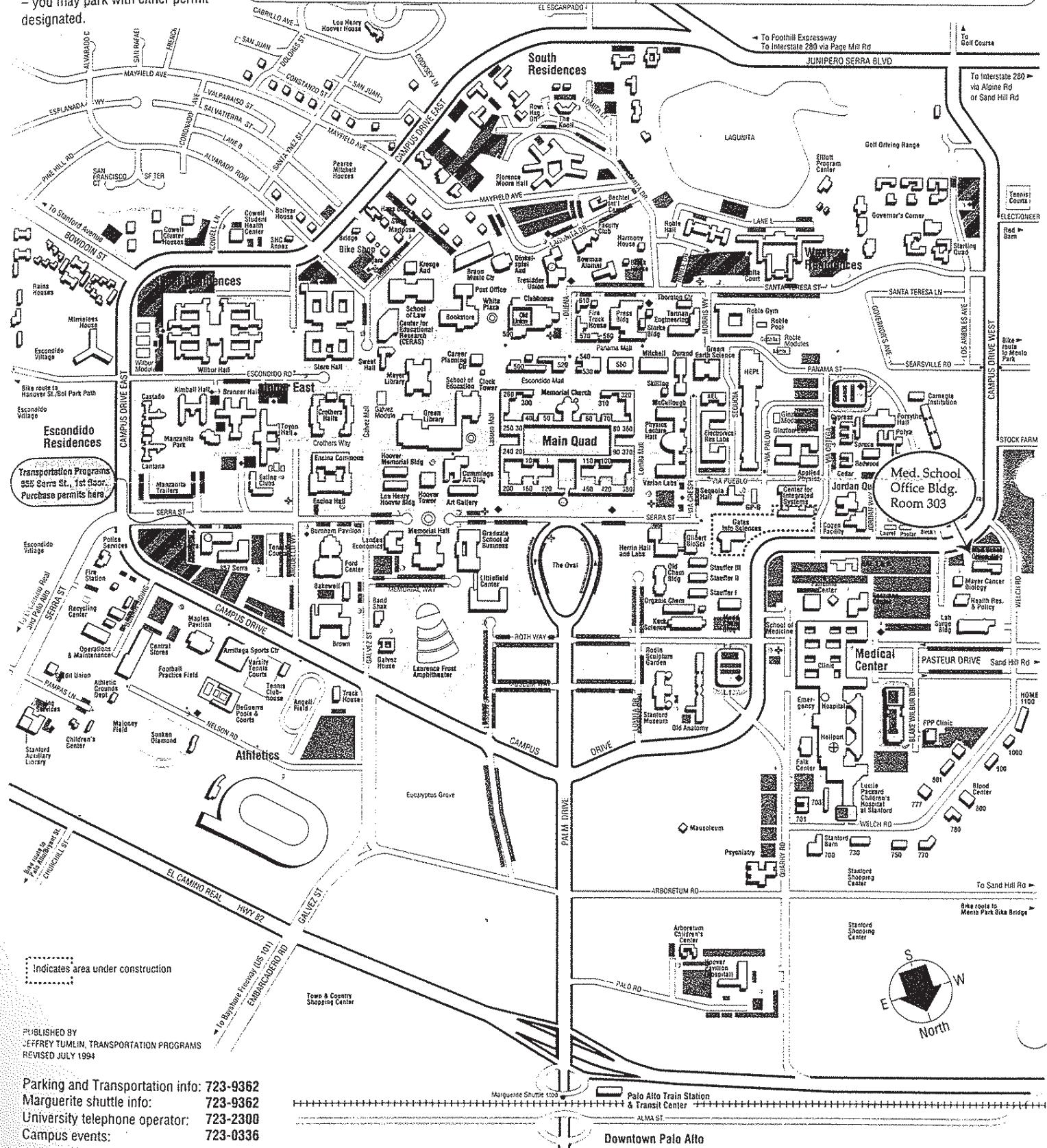
- ◆ A permit 6 am to 4 pm (Monday-Friday)
 - ◆ A and C permits 6 am to 4 pm (Monday-Friday)
 - ◆ A,C, and Z permits 6 am to 4 pm (Monday-Friday)
 - ◆ Designated student permit all hours
 - ◆ Meter or time limit 6 am to 5 pm (Monday-Friday)
 - ◆ Disabled Person permit 24-hour enforcement every day. \$280 minimum fine for parking in these zones without proper permit.
 - ◆ **Motorcycle/Scooter permit** 6 am to 4 pm (Monday-Friday)
 - ◆ **'A Carpool' permits only**
 - ◆ **Daily parking permit sales:** 855 Serra St., Main Quad visitor center, Hospital Security, Tresidder Info Window.
 - ◆ **Multi-level parking structure**
 - ◆ **Resident student permit zones**
 - ◆ **Pedestrian Zone and paths** – Unauthorized motor vehicles may be cited with moving violation.

Pedestrian Zone and paths – Up

may be cited with moving violation

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→ To Foothill Expressway



Employment Opportunities

Statistical Research Consultant

Kaiser Permanente, Oakland

The Special Studies Department of Kaiser Permanente's Program Offices is seeking a statistical research consultant. The position requires at least a Master's degree with an emphasis on quantitative studies and three or more years of 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 C.V. to Director of Special Studies, Kaiser Permanente, One Kaiser Plaza, Oakland, CA 94612. Fax: (510) 271-5815.

Senior Statistician

(\$4,150 - \$5,044/Month)

Administrative Office of the Courts, San Francisco

The Administrative Office of the Courts in San Francisco has an opening for a senior statistician. The incumbent will analyze and evaluate data relevant to the need for new judges in California by applying statistical methods to describe data trends, validating data, and establishing quality control procedures.

Requirements: BA in statistics or operations research (or equivalent experience) and 3 years experience in quantitative or operations research. 1 year leading project and experience with SAS and SLAM (or similar application) necessary.

For information, call (415) 396-9243.

Biostatistician Manager

Major Southern California Biotechnology Company

Requires an advanced degree, 8 years of applied biostatistics in a medical research setting, and 5 to 6 years of experience with a pharmaceutical or biotechnological company with regulated products.

Excellent salary and benefits; will relocate. For details contact Sara Collins of Brentwood International at (310) 338-5476, Fax: (310) 338-5484.

Senior Biostatistician

Major Southern California Biotechnology Company

Requires an advanced degree, 6 years of applied biostatistics in a medical research setting, and 4 years of experience with a pharmaceutical or biotechnological company with regulated products.

Excellent salary and benefits; will relocate. For details contact Sara Collins of Brentwood International at (310) 338-5476, Fax: (310) 338-5484.

Senior Statistician

LifeScan, Inc. Milpitas

LifeScan, a successful member of the Johnson & Johnson family that researches and manufactures diagnostic products for people with diabetes, has an opportunity for a senior statistician in Milpitas. Responsibilities are to assist departments within LifeScan to design protocols utilizing appropriate statistical and analytical techniques. Requirements include excellent problem solving skills; an MS or PhD in statistics or equivalent; 5+ years experience in an industrial or pharmaceutical environment; experience in design and analysis of clinical studies, sampling plans, design of experiments, SPC, and the application of SAS; background as a project leader.

If you're a proven team leader who has strong interpersonal and communication skills, please send your resume to: LifeScan, Inc., AMSTATTJP, P.O. Box 54999, Santa Clara, CA 95056-4999. No phone calls please. Equal Opportunity Employer.

TIMS + ORSA = INFORMS

The Institute of Management Sciences (TIMS) and the Operations Research Society of America (ORSA) merged recently into INFORMS, the Institute for Operations Research and the Management Sciences. The local chapter of INFORMS is hosting its first event of 1995 on February 23 featuring speaker Dr. Sheryl E. Kimes of the School of Hotel Administration at Cornell University. The title of Dr. Kimes' talk is "Beyond the Technical Fix: Customer Reaction to the Practice of Operations Research."

The meeting will be held at Decision Focus Inc., 650 Castro St., 4th floor, Mountain View; phone: (415) 960-3450. Social hour starts at 5:30 p.m. (appetizers will be served), and the talk is scheduled for 6:30- 7:45 p.m. Cost is \$10 and does not include an optional dinner at a local restaurant following the meeting. Contact John Ang, Jr. at (415) 497-5142 for additional information.

Join the SF Bay Area ASA Chapter

If you are not currently a member of the local chapter of the ASA and would like to join, send a note with your name and address to

Jim Lenihan

1 Appian Way #702-2

South San Francisco, CA 94080

Please enclose a check for one year's membership, \$9, payable to "ASA, Bay Area Chapter". Student membership dues are \$3 per year. You may also join the local chapter when paying dues to the national organization.

Call for Media Spokespersons

The chapter has begun to compile a list of Bay Area statisticians who are willing and qualified to contribute expert commentary on the statistical aspects of current events to members of the local news media. Examples might include estimating the prevalence of HIV, the effectiveness of cancer treatments, the odds of winning the lottery, the interpretation of crime statistics and the validity of DNA evidence. The list will be distributed to local news outlets and reporters will be encouraged to contact one or more statisticians when a pertinent story arises.

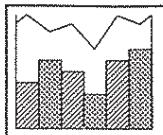
If you feel you have an expertise in area of interest to the public or the media and would like to volunteer as a potential spokesperson, please drop a note to Dr. Rose Ray at Failure Analysis Associates, 149 Commonwealth Drive, P.O. Box 3015, Menlo Park, CA 94025, or call her at (415) 688-7264.

Newsletter Submissions

If you have a job opening, announcement, or other contribution you'd like to see in an upcoming newsletter, e-mail it to via the Internet: sfasa@stat.berkeley.edu or send your information through regular mail to Michael Lock, Becton Dickinson, 2350 Qume Drive, San Jose, CA 95131-1807; phone: (408) 954-2583, Fax: (408) 435-7346.



San Francisco Bay Area Chapter
American Statistical Association
1096 Karen Way
Mountain View, CA 94040



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phone: (510) 754-6681

fax: (510) 754-2708

e-mail: DougStat@aol.com

Doug Milikien, MS

Biostatistician



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