Happy New Year!

JANUARY MEETINGS

January 20  Wednesday  Application of Semi-Markov Processes to a Human Factors Problem
January 28  Thursday  Statistical Methods in Parapsychology

GENERAL APPLICATIONS PROGRAM

SPEAKER: Fred Chang, Pacific Bell

TOPIC: APPLICATION OF SEMI-MARKOV PROCESSES TO A HUMAN FACTORS PROBLEM

A mild weakening of the Markov assumptions opens up a new set of possibilities. This talk explores one application of a semi-markov model to new telephone services.

DATE: January 20, 1998 (WEDNESDAY)
3:30-4:00 Coffee
4:00-5:00 Presentation

PLACE: Cal State at Hayward, North Science Building, Room 220

PRICE: NO CHARGE

RESERVATIONS: Call Loren Schoof (415) 823-9020

BIOSTATISTICAL PROGRAM

SPEAKER: Jessica Utts, Ph.D., Associate Professor, Division of Statistics
University of California, Davis. Visiting Scientist, SRI Int'l

TOPIC: STATISTICAL METHODS IN PARAPSYCHOLOGY

After 100 years of research, scientists still disagree on whether or not claims for ESP have been substantiated. Many of the arguments are statistical in nature. The scientific study of these claims comprises the field of parapsychology. An overview of statistical methods used in parapsychology will be given along with illustrative examples.

DATE: January 28, 1998 (THURSDAY)
3:30-4:00 Coffee and Cookies
4:00-5:00 Presentation

PLACE: University of California, Berkeley, Joll Evans Hall
Following the presentation, refreshments will be served at the home of Professor Mike Tarter (2717 Benvenue, Berkeley). Directions will be provided at the meeting.

NOTICE ON DUES:
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EMPLOYMENT OPPORTUNITIES

1. SENIOR STATISTICIAN, FAILURE ANALYSIS ASSOCIATES
   RESPONSIBILITIES: Development of procedures to perform statistical analyses using a large volume of accident data. In addition, you will coordinate and manage tasks performed by research assistants and junior level statisticians.
   REQUIREMENTS: Minimum of 5 years of related experience and a PhD in Statistics required. A doctorate-level degree in an engineering discipline and strong statistics background may qualify. Familiarity with experimental and survey designs and knowledge of statistical packages such as SAS and SPSS desirable. Successful candidate will have the ability to convey highly complex issues to both technical and non-technical personnel.
   COMPANY: Failure Analysis Associates is a national engineering and scientific services firm specializing in the analysis and prevention of engineering system and product failures.

2. MANAGING ENGINEER, FAILURE ANALYSIS ASSOCIATES
   RESPONSIBILITIES: Risk analysis and risk assessment in the context of human behavior and machine performance. Responsibilities will include statistical analysis of accident and other data, particularly on consumer products.
   REQUIREMENTS: PhD with a solid background in applied statistics coupled with significant qualifications and experience in the areas of human behavior and engineering. Exceptional communications skills in order to gather information from and convey technical conclusions to both technical and non-technical personnel.
   CONTACT: Personnel Manager, Failure Analysis Associates, PO Box 51470, Palo Alto, CA 94303.

3. SENIOR STATISTICIAN, SYSTEMS APPLICATIONS, INC.
   RESPONSIBILITIES: Data analyses requiring originality and ingenuity. Analyses are both confirmatory and exploratory in nature, requiring imaginative approaches to probing and presenting data. Concerned with the accuracy, appropriateness, and timeliness of results. Experience in marketing activities.
   REQUIREMENTS: At least one year of statistical consulting, especially in the environmental field, is preferred. PhD degree in statistics or equivalent. Oral and written communication skills needed to present results clearly to clients. Ability to program in Fortran, SAS, Minitab, BMDP, and/or other statistical packages is required.
   COMPANY: Systems Applications provides the US Environmental Protection Agency and other governmental and industrial organizations with consulting services related to air and water pollution.
   CONTACT: Job #P-P-878, Systems Applications Inc., 101 Lucas Valley Road, San Rafael, CA 94903. Equal Opportunity Employer.

4. BIOSTATISTICIAN, XOMA CORPORATION
   RESPONSIBILITIES: Reports to the Vice President, Medical & Regulatory Affairs and Clinical Research. Works directly with Clinical Research Directors to design clinical trials and define clinical data collection requirements. Will implement statistical analysis of clinical trial data for Investigational New Drug Applications and Product License Applications. Supporting Product Marketing.
   REQUIREMENTS: 3-5 years pharmaceutical or biologics industry experience. Proficient use of computers (VAX/DEC) or IBM compatible and statistical software (SAS). Experience in presenting NDA's or PMA's to FDA and knowledge or current FDA IMQ regulations required. Excellent written/verbal communication skills a must. PhD or MS degrees in Statistics preferred.
   COMPANY: XOMA Corporation is a leader in the development of therapeutic monoclonal antibody-based pharmaceutical products for human use. XOMA currently has products in FDA-authorized clinical trials for the treatment of gram negative sepsis bone marrow transplantation, melanoma and colorectal cancers, and the detection of melanoma.
   CONTACT: Director, Human Resources, XOMA CORPORATION, 2910 Seventh Street, Berkeley, CA 94710. (415) 644-1170.