

Washington Statistical Society

WSS Newsletter-February 1983

CALENDAR

WSS Sponsored

TOPIC: On The Fitting and Modelling the Distribution of Change in Demand for Special Telecommunications Services
SPEAKER: Paul Horn, Ph.D., Bell Labs
DATE AND TIME: Tuesday, February 8, 1983, 11:00-12:30 (Note Special Time!)
LOCATION: National Bureau of Standards, Administration Bldg., Rm. 434

TOPIC: Priorities of BLS Statistical Program
SPEAKERS: Janet Norwood, Bureau of Labor Statistics;
George Wino; American Textile Manufacturers Institute;
Markley Roberts, AFL-CIO
DATE AND TIME: Friday, February 11, 1983, 12:30-2:00
LOCATION: Auditorium, 7th Floor, GAO Bldg., 441 G Street, N.W.
CO-SPONSOR: National Economists Club

TOPIC: The Multiple Risk Function Intervention Trial-
Design Issues and Results
SPEAKERS: William T. Friedewald, M.D. and Joel I. Verter, Ph.D.
DATE AND TIME: Thursday, February 17, 1983, 12:30-2:00
LOCATION: Forrestal Building, Rm. 5E069, 1000 Independence Ave., S.W.

TOPIC: Selection Roles for Principal Components Regression:
Comparison with Latent Root Regression
SPEAKER: Keren L. Cox
DATE AND TIME: Thursday, February 24, 1983, 12:30-2:00
LOCATION: George Washington University, Rm. 309, 2201 G Street, N.W.

TOPIC: Report on Federal Statistical Policies and Programs
SPEAKER: Christopher DeMuth, Office of Information and Regulatory
Affairs, Office of Management and Budget
DATE AND TIME: Tuesday, March 8, 1983, 12:30-2:00
LOCATION: (To Be Determined)

TOPIC: File Merging
SPEAKER: Dr. Prem Goel, Visiting Professor at NSF
DATE AND TIME: Thursday, March 24, 1983, 12:30-2:00
LOCATION: Commerce Department Conference Room 6802

Other Sponsors

SPONSOR: National Center for Health Statistics
TOPIC: Trends in Cancer Incidence and Mortality: Speculation on
The Year 2000
SPEAKER: Marvin A. Schneiderman, Ph.D., Clement Associates, Inc.
DATE AND TIME: February 25, 1983, 1:30-2:30
LOCATION: Center Building, Rm. 7-32, 3700 East-West Hwy, Hyattsville, MD.

DETAILED INFORMATION ON THE MEETINGS

TOPIC: On the Fitting and Modelling The Distribution of Change In Demand for Special Telecommunications Services
SPEAKER: Paul Horn, Ph.D., Bell Labs
CHAIR: Arthur Silverberg, FDA
DISCUSSANT: John Irvine, CIA
ABSTRACT: Demand for special services in the telecommunications industry is very difficult to predict. For the purposes of planning, the distribution of the forecast errors should be of great use in addition to a point estimate of the demand. Two approaches to this problem will be discussed.

TOPIC: Priorities of BLS Statistical Programs
SPEAKER: Janet L. Norwood, Commissioner of Labor Statistics
CHAIR: Joseph Gastwirth, George Washington University
DISCUSSANTS: George Wino, American Textile Manufacturers Institute
Markley Roberts, AFL-CIO
ABSTRACT: New initiatives to protect and improve the quality of the basic core of BLS statistics--especially the Consumer Price Index, the Industry employment hours and earnings and productivity series, as well as the Current Population and Consumer Expenditure surveys--will be discussed as well as the Bureau's efforts to service its users with data required for collective bargaining purposes and for economic analysis.

TOPIC: The Multiple Risk Function Intervention Trial-- Design Issues and Results
SPEAKERS: William T. Friedewald, M.D, and Joel I. Verter, Ph.D.
DISCUSSANT: Richard Simon, Ph.D., National Cancer Institute
ABSTRACT: The Multiple Risk Function Intervention Trial (MRFIT) was a randomized primary prevention trial to test the effect of a multi-factor intervention program on mortality from coronary heart disease in 12,866 high risk men aged 35 to 57 years. Men were randomly assigned either to a special intervention (SI) program consisting of stepped-care treatment for hypertension, counselling for cigarette smoking, and dietary advice for lowering blood cholesterol levels, or to their usual sources of health care in the community (UC). Statistical design and analysis, as well as the major results of the MRFIT will be discussed.

TOPIC: Selection Roles for Principal Components Regression: Comparison with Latent Root Regression
SPEAKER: Keren L. Coxé
CHAIR: Samuel L. Greenhouse, George Washington University
ABSTRACT: Principal component and latent root regression are very similar. The first uses the eigenvectors of the correlation matrix. The second uses the latent vectors of an augmented correlation matrix that include the dependent variable. This discussion draws from an unpublished paper by Gunst. The selection rules for picking the principal components are discussed: 1) keeping all "k" principal components yields "o" bias; 2) keeping those components with the largest eigenvalues minimizes the variances of the coefficients; 3) keeping those components which are highly correlated with the dependent variables tends to minimize the mean square errors of the coefficients.

NATIONAL CENTER FOR HEALTH STATISTICS SEMINAR

TOPIC: Trends In Cancer Incidence and Mortality:
Speculation on The Year 2000
SPEAKER: Marvin A. Schneiderman, Ph.D., Clement Associates, Inc.
DATE AND TIME: February 25, 1983, 1:30-2:30
LOCATION: Center Building, Room 7-32, 3700 East-West Hwy, Hyattsville, MD.
ABSTRACT: Recent cancer incidence trends (as compiled by the National Cancer Institute) provide a jumping off point for speculation about what might be expected by the end of this century. At the most recent accounting more than 60% of cancer deaths were in persons over 65. This percentage should increase in the future.

SHISKIN AWARD FOR ECONOMIC STATISTICS

Nominations are invited for the fourth annual Julius Shiskin Award in recognition of outstanding achievement in the field of economic statistics. The Award has been established by the Washington Statistical Society Chapter of the American Statistical Association and will be presented, with an honorarium of \$250, at the WSS Annual Dinner in June 1983.

The Award is designed to honor an unusually original and important contribution in the development of economic statistics or in the use of economic statistics in interpreting the economy. The contribution could be in statistical research, in the development of statistical tools, in the application of computers, in the use of economic statistics to analyze and interpret the economy, in the management of statistical programs, or in developing public understanding of measurement issues, to all of which Mr. Shiskin contributed. Either individuals or groups can be nominated.

Previous winners of the Award have been Estella Dagum of Statistics Canada, James Bonnen for his work chairing the President's Reorganization Project for the Federal Statistical System, and Edward Denison for his work at the Bureau of Economic Analysis and the Brookings Institution.

A nomination form may be obtained by writing to the Julius Shiskin Award Committee, c/o American Statistical Association, 806-15th Street, N.W., Washington, D.C. 20005. Completed nomination forms must be received by April 1, 1983.

CALL FOR PAPERS

Papers are being solicited for the 1983 Annual Meeting of the International Association for Social Science Information Service and Technology (IASSIST), to be held at the Warwick Hotel in Philadelphia May 19-22. The meeting will include the discussion of papers on a variety of topics of interest to social scientists, data archivists, librarians, research administrators and government records managers. Fifteen papers will be presented in three areas: data services, hardware and software and data files.

Send letter of intent or abstract by February 15 to:

SUE DODD, PROGRAM CHAIR
INSTITUTE FOR RESEARCH IN SOCIAL SCIENCE
ROOM 25 MANNING HALL 026A
UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL, NORTH CAROLINA 27514 (919) 966-3346

EMPLOYMENT COLUMN

Deadline for inserting notices is the 10th of the month preceding the publication date

Send notices and requests to: Evelyn R. Kay 520-22nd Street, N.W. Washington, D.C. 20037 (202) 331-1133

JOB OPENINGS

STATISTICIAN GM 1530-12/13/14 or MATHEMATICAL STATISTICIAN GM 1529-12/13/14 The Statistical Policy Staff of the Environmental Protection Agency has a potential vacancy for a statistician or mathematical statistician. The staff reviews regulations, participates in statistical methodology projects, and provides consultative advice to other agency offices. Applicants should have an interest in biostatistics, or multivariate analysis or quantitative risk assessment. Send SF171 to John Warren, Statistical Policy Staff (PM-223), EPA, 401 M Street, S.W., Washington, D.C. 20460

CONSULTANT: The Statistical Policy Staff of the Environmental Protection Agency has a potential vacancy for a consultant (Part-time, Intermittent). Applications are invited from statisticians having strong background in the following areas: Multi-variate Analysis, Time Series Analysis, or Non-parametric Statistics. Further information may be obtained from John Warren, Statistical Staff (PM-223), EPA, 401 M Street, S.W., Washington, D.C. 20460

MATHEMATICAL STATISTICIANS The Business Division, Bureau of the Census has GS 1529-7/9/11 openings for two positions. Some of the statistical work involved are sample design, estimating, variance estimation, frame maintenance, editing, imputation, seasonal adjustment, and quality control for current business surveys and economic censuses. Master's Degree in statistics and programming experience preferred. Interested applicants should send OPM Form 1200 and/or call Nash J. Monsour, Business Division, Bureau of the Census, Department of Commerce, Washington, D.C., 20233, (301) 763-7003.

STATISTICIAN/MATHEMATICIAN/OR ANALYST: GS 7/12 Position as a member of a small team of Statisticians/Mathematicians/OR Analysts. MS in statistics/mathematics/OR desired. Team functions as consulting group to agency economists on statistical, mathematical and econometric issues. Familiarity with statistical software (SAS, TROLL, SPEAKEASY, SPSS/SCSS, TSP, MINOS) and economic modelling desirable. Ability to organize and conduct training seminars on use of statistical packages and statistical techniques. For more information contact Charlie Hallahan, Data Services Center, Room 106, (202) 447-7577 Economic Research Service, 500-12th Street, S.W., Washington, D.C., 20250. (202) 447-7577. (mailed 1/25/83)



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