

Washington Statistical Society

WSS Newsletter - January 1983

CALENDAR

WSS Sponsored

Topic: Proportional and Non-Proportional Hazard Models in Survival Analysis
Speaker: Kent Bailey, Heart, Blood, and Lung Institute, NIH
Date and Time: Thursday, January 20, 1983, 12:30-2:00 p.m.
Location: Commerce Building, Room 6802

Topic: Estimation of After Tax CPS Income
Speakers: Gordon Green and John Coder, U.S. Bureau of the Census
Date and Time: Wednesday, January 26, 1983, 12:30-2:00 p.m.
Location: Forrestal Building, 1000 Independence Avenue, S.W., Room 4E069
Cosponsor: National Economists Club

Topic: Taking Chances: A Cheater Looks at Gambling and Games of Chance
Speaker: Peter F. Thall, Department of Statistics, George Washington University
Date and Time: Friday, January 28, 1983, 12:30-2:00 p.m.
Location: George Washington University, Building C, Room 309, 2201 G Street, N.W.
(Foggy Bottom/GWU metro stop)

Topic: On the Fitting and Modelling the Distribution of Change in Demand for Special Telecommunications Services
Speaker: Dr. Paul Horn, Bell Labs
Date and Time: Tuesday, February 8, 1983, 11:00-12:30 (Note special time!)
Location: National Bureau of Standards, Administration Building, Room 434

Topic: Priorities of BLS Statistical Programs
Speakers: Janet Norwood, Bureau of Labor Statistics;
George Wino, American Textile Manufacturers Institute;
Markley Roberts, AFL-CIO
Date and Time: Friday, February 11, 1983
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 p.m.
Location: Commerce Department Conference Room 6802

Other Sponsors

Sponsor: National Center for Health Statistics
Topic: Test of Trend in Count Data
Speaker: Y. Jack Lee, Ph.D., National Institutes of Health, Bethesda, Maryland
Date and Time: January 27, 1983, 1:30-2:30 p.m.
Location: Center Building, Room 7-32, 3700 East-West Highway, Hyattsville, Maryland

Sponsor: Statistics of Income Division, Internal Revenue Service
Topic: Supplemental Report, Statistics of Income--1976-1979, International Income and Taxes, Foreign Income and Taxes Reported on U.S. Income Tax Returns
Speakers: David Paris, Cynthia Snyder, and Alan Zempel, IRS
Date and Time: Friday, January 28, 1983, 1:00-2:00 p.m.
Location: 1201 E Street, N.W., Room 806A, Washington, D. C.

DETAILED INFORMATION ON THE MEETINGS

Topic: Proportional and Non-Proportional Hazard Models in Survival Analysis
Speaker: Kent Bailey, Heart, Blood and Lung Institute, NIH
Chair: Mitchell Gail, National Cancer Institute, NIH
Discussant: Donald Stablein, The Emmes Corporation
Date and Time: Thursday, January 20, 1983, 12:30-2:00 p.m.
Location: Commerce Building, Room 6802
Abstract: The Cox regression model is very useful in analyzing censored survival data. However, its assumption of proportional hazards may not be realistic. Other nonparametric models can be considered and can be fit by means of the "general maximum likelihood method." In particular, the cumulative logistic regression model is one such alternative. Goodness of fit can be compared using the generalized likelihood. Joint estimates of logistic regression parameters and survival function can be obtained, along with their standard errors. A data set on survival following chemotherapy is used to illustrate the method.

Topic: Estimation of After Tax CPS Income
Speakers: Gordon Green and John Coder, U.S. Bureau of the Census
Chair: Eva Jacobs, Bureau of Labor Statistics
Discussant: Benjamin Okner, Treasury Department
Date and Time: Wednesday, January 26, 1983, 12:30-2:00 p.m.
Location: Forrestal Building, 1000 Independence Avenue, S.W., Room 4E069
Abstract: Census Bureau has developed a model for estimating after tax income using the March CPS data file. The following taxes are included: Federal income tax, State income tax, payroll taxes and property tax. The methodology and results will be the subject of this talk.

Topic: Taking Chances: A Cheater Looks at Gambling and Games of Chance
Speaker: Peter F. Thall, Department of Statistics, George Washington University
Chair: Dr. Lee-Ann Hayek, Smithsonian Institution
Date and Time: Friday, January 28, 1983, 12:30-2:00 p.m.
Location: George Washington University, Building C, Room 309, 2201 G Street, N. W. (Foggy Bottom/GWU metro stop)
Abstract: Dr. Thall will explore, by way of some simple examples, the concepts of uncertainty, gains, betting, cheating, and winning. He shall also discuss how two competitors in the 1976 American Contract Bridge League Championship won many battles but lost the war.

NATIONAL CENTER FOR HEALTH STATISTICS SEMINAR

Topic: Test of Trend in Count Data
Speaker: Y. Jack Lee, Ph.D., National Institutes of Health, Bethesda, Maryland
Date and Time: January 27, 1983, 1:30-2:30 p.m.
Location: Center Building, Room 7-32, 3700 East-West Highway, Hyattsville, Maryland
Abstract: Statistical characteristics of the statistic $\sum_{i=1}^n x_i$ are discussed for testing on increasing trend in binominal, multinomial, and Poisson distributions. For further information, call Office of Research and Methodology (310) 436-7111.

INTERNAL REVENUE SERVICE, STATISTICS OF INCOME DIVISION SEMINAR

Topic: Supplemental Report, Statistics of Income--1976-1979, International Income and Taxes, Foreign Income and Taxes Reported on U.S. Income Tax Returns
Speakers: David Paris, Cynthia Snyder, and Alan Zempel, IRS
Date and Time: Friday, January 28, 1983, 1:00-2:00 p.m.
Location: 1201 E Street, N.W., Room 806A, Washington, D. C.
Abstract: The Statistics of Income Division is sponsoring a seminar on the latest in the periodic series on the foreign operations of U.S. individuals and corporations. Three topics are covered in this report. The deduction from or exclusion of income earned abroad by individuals and the foreign tax credit claimed by individuals for Tax Year 1979, the foreign tax credit claimed by corporations for Tax Year 1976 and the Controlled Foreign Corporations of U.S. corporations with total assets of \$250 million or more for Tax Year 1976. David Paris will present highlights of the individual data. Alan Zempel will present the highlights of the Corporation Foreign Tax Credit data and Cynthia Snyder will do the same for the Controlled Foreign Corporation data. All three speakers are members of the Statistics of Income Division.

WSS MEMBERS RECEIVE AWARDS

Beatrice N. Vaccara of the Bureau of Industrial Economics recently received the Presidential Distinguished Executive Rank Award. Joan R. Rosenblatt of the National Bureau of Standards received the Presidential Meritorious Executive Rank Award.

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 the three areas described below:

DATA SERVICES. Includes organizations and structures for providing data services.
Examples: communicating with users; description and dissemination of data; checking data validity; limitations to data access; and data modifications and enhancements.

HARDWARE AND SOFTWARE. Examples: microcomputers and legal issues; storage and technology; compatability and transportability of files; analysis of social networks; and time series packages.

DATA FILES. Includes new data sources, new uses for old data, and new directions for data collection. Examples: cross-sectional and longitudinal databases; cross-national datasets; microdata and aggregate data; and issues of privacy and confidentiality.

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) 331-1153

JOB OPENINGS

Statisticians

A professional services firm has multiple openings for Statisticians interested in applying and developing statistical methodology and theory for challenging problems. Minimum requirements are Ph.D./M.S., 0-3 years of experience, good verbal and writing skills, and training/experience in either sample survey or defense. Marketing and management experience is helpful. Qualified applicants should send resume including employment history and salary requirements to Ms. Karen Wise, Personnel Department, JRB Associates, 8400 Westpark Drive, McLean, Virginia 22102.

Statistician (General) GS-1530-9/11/12

The Immigration and Naturalization Service has a position available to support their work on temporary visitor and student statistics. A solid background in statistical theory and methods is required. Because the agency is presently involved in automating most of the data capture, some experience in quality control and/or computers would be useful. Send SF 171 to K. Grabill, Room 6021, Immigration and Naturalization Service, 425 I Street N. W., Washington, D. C. 20536. Phone (202) 633-2530. Announcement No. DEPT'L 82-47A. Closing date 1/14/83.

Mathematical Statistician GS-1529-14

A mathematical statistician with strong academic and empirical background in survey design is needed to direct and manage a staff of mathematical statisticians who work on major BLS wage programs. Responsibilities and duties include the review and development of overall survey methodology for wage related surveys such as the Employment Cost Index (ECI) and the Level of Benefits survey. Qualifications should include extensive knowledge of complex sample survey design and estimation techniques including composite estimation. Also, demonstrated ability to develop plans for measuring variances of complex designs and estimators with pseudo-replication and jackknife procedures, etc. is desired. Send resume or SF-171 to: Bureau of Labor Statistics, 441 G Street, N.W., Room 2021, Attn: Phil D. Gilliland, Washington, D. C. 20212

(mailed 12/24/82)



AMERICAN STATISTICAL ASSOCIATION 806 Fifteenth Street, N. W. Washington, D. C. 20005

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