CALENDAR

WSS-Sponsored

TOPIC:	Theoretical and Empirical Concerns for Measuring Benefits of Improved Water Quality
SPEAKER:	Ann Fisher, Environmental Protection Agency
CHAIR:	Fred Vogel, U.S. Department of Agriculture
DATE AND TIME:	Thursday, June 2, 1983, 12:30-2:00 PM
LOCATION:	Room 2096, South Building, USDA, 12th & Independence, S.W.

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TOPIC:	Federal Statistical Policy and Coordination---Who Needs It?
SPEAKER:	James T. Bonnen, Michigan State University
CHAIR:	Joseph Gastwirth, George Washington University
DATE AND TIME:	Tuesday, June 7, 1983, 12:30-2:00 PM
LOCATION:	IRS Auditorium, 7th Floor, 1111 Constitution Avenue, N.W.

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TOPIC:	Workshop on Presenting Statistical Papers
SPEAKERS:	Charles Alexander, Census; Wendy Alvey, IRS; Chuck Cowan, Census; Katherine Wallman, COPAFS; and Andrew White, NCHS
DATE AND TIME:	Wednesday, June 8, 1983, 12:30-2:30 PM
LOCATION:	IRS Auditorium, 7th Floor, 1111 Constitution Avenue, N.W.

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TOPIC:	A Generalized Multicollinearity Index for Regression Analysis
SPEAKER:	P.A.V.B. Swamy, George Washington University
CHAIR:	Raymond J. Carroll, University of North Carolina
DATE AND TIME:	Friday, June 10, 1983, 12:30-2:00 PM
LOCATION:	Room 5A-092, Forrestal Building, 1000 Independence Avenue, S.W.

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TOPIC:	Can Micro-Computers Be Used to Capture Data from the Consumer Price Index (CPI)?
SPEAKER:	J. Harvey Trimble, Jr., Bureau of Labor Statistics
CHAIR:	David Morganstein, WESTAT
DISCUSSANT:	Ronald J. Steele, U.S. Department of Agriculture
DATE AND TIME:	Thursday, June 16, 1983, 12:30-2:00 PM
LOCATION:	Department of Labor Auditorium, 3rd and Constitution Avenue, N.W. (Entrance: 3rd and C Streets, N.W.)

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TOPIC:	On the Computation of Power Generating System Reliability Indexes
SPEAKER:	M. Mazumdar, University of Pittsburgh
CHAIR:	Seymour Selig, Office of Naval Research
DATE AND TIME:	Thursday, June 16, 1983, 12:30-2:00 PM
LOCATION:	Room 5A-104, Forrestal Building, 1000 Independence Avenue, S.W.

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ANNUAL DINNER MEETING

SPEAKER: Nancy Teeters, Governor, Federal Reserve Board

DATE AND TIME: Thursday, June 23, 1983

Additional Information and Reservation Form Inside

TOPIC: Theoretical and Empirical Concerns for Measuring Benefits of Improved
             Water Quality

ABSTRACT: Prior estimates of the benefits of public goods such as parks, wildlife
             refuges and reservoirs often have concentrated on user benefits-
             particularly recreation use benefits. These estimates will understate
             total benefits if there are intrinsic or non-use benefits. This
             presentation considers the conceptual issues of relating intrinsic
             benefits to use benefits, and examines empirical evidence about their
             relationship.

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TOPIC: Federal Statistical Policy and Co-ordination

ABSTRACT: The functions of statistical policy are many and interactive. Some are
             poorly understood and poorly supported, even in government. OMB
             stewardship of statistical policy leaves much to be desired. Their
             record under the Paper Work Reduction Act of 1980 will be reviewed and
             modifications in legislation and its management suggested.

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TOPIC: Workshop on Presenting Statistical Papers

ABSTRACT: The purpose of the workshop is to aid participants in preparing and
             giving more effective presentations of their material. Topics include:
             (1) selection of material for presentation (Katherine Wallman); (2)
             preparation and use of visual aids (Andrew White); (3) handouts (Wendy
             Alvey); (4) oral delivery (Charles Alexander); and (5) poster sessions
             (Chuck Cowan).

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TOPIC: A Generalized Multicollinearity Index for Regression Analysis

ABSTRACT: This talk describes a formula for measuring multicollinearity. This
             measure takes the correct value of zero if the model is truly
             orthogonal and nonzero value otherwise. Empirical examples show that
             forcing minimax solutions for regression estimators increases
             multicorelinarity. One technique is to minimize multicollinearity for
             near minimax solutions. The talk highlights the use of the measure
             rather than the method.

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TOPIC: Can Micro-computers Be Used to Capture Data From the CPI?

ABSTRACT: Over the last year BLS has been evaluating the suitability of using
             micro computers for capturing data for the CPI in 86 cities. The
             session will discuss: (1) The strategy developed for data capture and
             validation; (2) The strengths and weaknesses of micro computers; and
             (3) An evaluation of software and hardware.

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TOPIC: On the Computation of Power Generating Reliability Indexes

ABSTRACT: The evaluation of electrical utility power generating-system
             performance involves the computation of reliability indexes, such as
             loss-of-load probability, and an expected operating cost index. The
             evaluation of these performance measures requires the computation of
             the distribution function of the convolution of a large number of
             Bernoulli random variables having different distributions. Several
             approximate analytical procedures for computing these measures were
             investigated: (1) the method of cumulants; (2) a distribution fitting
             procedure; and (3) "a large deviation" procedure due to Esscher's
             approximation.

NATIONAL CENTER FOR HEALTH STATISTICS SEMINARS

TOPIC: ECONOMIC CHANGES AND NATIONAL MORTALITY RATE
SPEAKER: Harvey Brenner, John Hopkins University
DATE AND TIME: June 23 and June 24, 1983, 1:30-2:30 PM
LOCATION   Center Building, Room 7-32, 3700 East-West Highway, Hyattsville, MD
ABSTRACT: Time series regression models of changes in national mortality rates
                  for all causes, such as heart disease, suicide, and infant mortality
                  will be discussed.   Independent variables in the model include
                  unemployment and business failure rates, and consumption of cigarettes
                  and alcohol.
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TOPIC: PROBABILITY AND PREDICTION THEORY MEASURES OF MISSING DATA ERROR
SPEAKER: Wesley Schaible, Bureau of Labor Statistics
DATE AND TIME: June 30, 1983, 1:30-2:30 PM
LOCATION: Center Building, Room 7-32, 3700 East-West Highway, Hyattsville, MD
ABSTRACT: When an estimate of finite population total is made from sample infor-
                  mation, an error due to missing data can occur if the required data
                  item is not obtained for all sample units. Probability and prediction
                  theories require different assumptions and provide different measures
                  of missing data bias and variance. To illustrate the two approaches,
                  empirical comparisons of actual and estimated errors will be presented
                  for the simple expansion estimator when probability of response assump-
                  tions are and are not met.
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WASHINGTON SAS-USERS GROUP MEETING

SPEAKERS: Don Henderson, ORI, and James Walker, Morino Associates
DATE AND TIME: Tuesday, June 14, 1983, 1:00-4:00 PM
LOCATION: Library of Congress, James Madison Building, E. Quincy Mumford Room
                  (6th Floor)
ABSTRACT: Don Henderson will speak on the "SAS Supervisor." The major functions
                  of the program - compiling code and controlling execution - will be
                  addressed. James Walker will talk on design considerations for large
                  systems in high data volumes. For additional information contact
                  Marilyn Sorenson at 226-6272.
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EMPLOYMENT COLUMN

Deadline for inserting notices is the   Send notices and requests to:
1st of the month preceding the publi-   Evelyn R. Kay
cation date.   520 - 22nd Street, N.W.
                                                 Washington, D.C. 20037 (202) 331-1153

JOB OPENINGS

Analyst in American Government   Congressional Research Service has two positions
GS-9 and GS-15   open. Applicants must have specialized knowledge
                                     in American National government and familiarity
with Federal Statistical Policy. For additional information contact Ted Moore at
287-5620. Refer to Vacancy Announcements 30272 (GS-9) or Vacancy Announcement 30298
(GS-15).

Statisticians   Office of Toxic Substances, EPA, seeking statisticians
GS-7/12   for permanent full-time positions. Training and/or
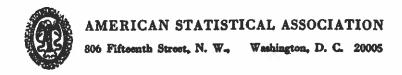   experience with statistical software packages, SAS
required. Knowledge of sampling theory and biostatistics desirable. Salary range
$16,559 - $38,185. Send SF 171 to Joe Carra, 2262 Wheystone Street, Vienna, VA
22180. (Phone 382-3886).

Mathematical Statistician   The United States Postal Service, is recruiting for the
                       position of Mathematical Statistician. Incumbent
                       develops statistical systems for a broad area of postal
operations including the design of sampling plans, estimation procedures, and measures
of precision. Starting salary: 27,872 and up, depending on qualifications and
experience. Forward resume with salary history to: General Manager, Headquarters
Personnel Division, 475 L'Enfant Plaza West, S.W., Room 1813, Washington, D.C. 20260.

(mailed 5/17/83)

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