Washington Statistical Society

CALENDAR

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│                         WSS Open Board Meeting                                │
│  Tuesday, May 3, 1983, 12:30-2:00 P.M. in Room 3000, at 400 Maryland Ave., SW │
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WSS-Sponsored

TOPIC: A Geometric Approach to Non-Linear Regression Diagnostics With
                  Application To Case-Control Studies
SPEAKER: Suresh H. Moolgavkar, Fox Chase Cancer Research Center
CHAIR: Mitchell H. Gail, National Institutes of Health (NIH)
DISCUSSANT: Charles C. Brown, National Institutes of Health (NIH)
DATE AND TIME: Wednesday, April 6, 1983, 11:00 AM - 12:30 PM (Note Special Time)
LOCATION: Landow Bldg., Conference Room A, 7910 Woodmont Ave., Bethesda, MD

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TOPIC: Income Nonresponse in the Current Population Survey
SPEAKERS: Roderick Little, Visiting Scientist at the Bureau of the Census
CHAIR: Barbara Bailar, Bureau of the Census
DISCUSSANT: Fritz Scheuren, Internal Revenue Service (IRS)
DATE AND TIME: Thursday, April 7, 1983, 12:30-2:00 PM
LOCATION: Conf. Rm. 6802, Main Bldg., Dept. of Commerce, 14th & Const., NW

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TOPIC: Estimating The Census Undercount
SPEAKER: Jay Kadane, Bureau of the Census
CHAIR: Wendy Alvery, Internal Revenue Service (IRS)
DATE AND TIME: Wednesday, April 13, 11:00-12:30 PM (Note Special Time)
LOCATION: Corcoran Hall, Rm 107, 725 21st Street, NW, (GWU)

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TOPIC: Econometrics and the Law; The Case of the Missing Tomatoes
SPEAKER: David A. Freedman, University of California
CHAIR: Joseph Gastwirth, George Washington University
DISCUSSANT: C. Charles Wang, Department of Justice
DATE AND TIME: Tuesday, April 19, 1983, 12:30-2:00 PM
LOCATION: Forrestal Building, 1000 Independence Ave., SW, Room GJ-015

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Other Sponsors

TOPIC: Some Statistical Problems Arising in Laboratory Consultation
                  at The National Institutes of Health (NIH)
SPEAKER: Samuel Greenhouse
DATE AND TIME: Thursday, April 28, 1983, 1:30-2:30 PM
LOCATION: Center Building, Room 7-32, 3700 East-West Hwy, Hyattsville, MD
SPONSOR: National Center for Health Statistics

DETAILED INFORMATION ON THE MEETINGS
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TOPIC: A Geometric Approach To Non-Linear Regression Diagnostics with
            Application To Case-Control Studies
ABSTRACT: A geometric approach will be described for the detection of in-
            fluential points in non-linear regression. This approach extends
            and gives geometric interpretation to recent results in logistic
            regression disgnostics. An application of this approach to match-
            ed case-control studies will be discussed.
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TOPIC: Income Nonresponse in the Current Population Survey
ABSTRACT: The talk reports research conducted by Martin David, Michael
            Samuhel, Robert Triest and the speaker as part of the ASA/Census
            Fellowship program. The Census Bureau uses a flexible hot deck
            matching method for imputing missing income amounts for the
            Income Supplement of the Current Population Survey. The method
            is compared with alternatives based on linear regression models,
            including the procedure for non-randomly missing data introduced
            by Heckman. Comparisons are based in part on IRS income data,
            available for respondents and nonrespondents through a match of
            CPS individuals to IRS records.
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TOPIC: Estimating The Census Undercount
ABSTRACT: The Decennial Census results should not be viewed as counts to be
            reported directly, but as data to be used in estimating the popu-
            lation and its characteristics. Methods are proposed by which the
            1980 Census could be so analyzed using both the nationally
            collected information currently available at the Census Bureau
            and locally collected information especially likely to be needed
            in the areas where undercount rates are high. The question of how
            the 1990 Census might be designed with estimation in mind is
            addressed.
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TOPIC: Econometrics and the Law: The Case of the Missing Tomatoes
ABSTRACT: An econometric model was used to prove damages in an antitrust
            litigation. The difficulties in such a proof will be explored.
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TOPIC: Some Statistical Problems in Laboratory Consultation at NIH
ABSTRACT: With the increasing attention given to problems in clinical and
            epidemiological research, the training of biostatisticians tends
            to overlook the relevant area of laboratory research and its pro-
            blems. Very few departments make available to their graduate stu-
            dents opportunities for laboratory consulting. The reasoning re-
            quired in solving problems arising in biology, biochemistry and
            pharmacology laboratories can serve a useful basis for the solu-
            tion of problems in clinical and epidemological research.
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PAPERS INVITED ON SURVEY METHODOLOGY FOR JASA

The Survey Research Section of the American Statistical Association invites
papers on survey methodology for publication in a special section of The
Journal of The American Statistical Association. The central theme will be
methodological issues of non-sampling errors of surveys. Articles that have
previously been published or that are under review by another refereed journal,
will not be considered for publication. The papers should be in the format
outlined by the American Statistical Association style guide. To be considered
for this special section, papers must be mailed to Dr. Joseph Sedransk, Dept. of
Mathematics and Statistics, State University of New York at Albany, 1400
Washington Avenue, Albany, New York 12222, no later than March 31, 1984.

* * * * W.S.S. ELECTION * * * *

The election of new officers for the 1983-84 program year will be conducted in conjunction with the May Newsletter. The following individuals have agreed to run for offices in the Washington Statistical Society:

FOR VICE PRESIDENT AND PRESIDENT ELECT:
Terry Ireland, Department of Defense
Don King, King Research

FOR SECRETARY:
Richard Allen, USDA

FOR REPRESENTATIVES AT LARGE:
(Three to be elected)

FOR TREASURER:
Bennie Clemmer
 Social Security Administration

1) Carl Bostrum, Census Bureau
2) Ken Harris, National Center
          for Health Statistics
3) Dan Kasperzyk, Social Security
          Administration
4) Paul Middleton, ASG
5) Susan Miskura, Census Bureau
6) Richard C. Taeuber, Consultant

FOR METHODOLOGY SECTION PROGRAM CHAIR
Michael Cohen, AMS
Sandra Mackenzie, Census Bureau
Jeremy Wu, USDA

Candidates other than these may be nominated by petition of at least 40 members of WSS, provided that such a petition is received by the Nominations and Elections Committee at least two weeks before balloting. Any petitions must be received by Pennifer Erickson, National Center for Health Statistics, Clearing-house for Health Indices, Center Building, 3700 East-West Highway, Hyattsville, Maryland 20782 by April 15, 1983.

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ANNUAL OPEN BOARD MEETING

The Constitution of the Washington Statistical Society requires that at least one meeting of the Board of Directors each year be advertised as an "open" meeting with participation invited from the membership at large. This year's open meeting will be held May 3, 1983 at 12:30 PM in Room 3000 at 400 Maryland Avenue, S.W. (FOB 6). The meeting is expected to last until approximately 2:00 PM. While thoughts and opinions on any subject relating to WSS are invited, the Board would particularly appreciate any suggestions dealing with membership, such as how to attract more members from the statistical community, and how to better serve members. Contact Rich Allen at 447-4557 for more details.

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CONFERENCE ON STATISTICAL GRAPHICS

The Delaware Chapter of the American Statistical Association will sponsor a "Symposium on Statistical Graphics" on April 29, 1983 at John M. Clayton Hall on the campus of the University of Delaware, Newark, Delaware. The purpose of the symposium is to expose statisticians and other interested persons to state-of-the-art methods and software for the graphical display of data. Speakers will include W.S. Cleveland, R. McGill and P.A. Tukey, Bell Laboratories; J. Filliben, National Bureau of Standards; J. Gentleman, University of Waterloo; B.L. Joiner, University of Wisconsin; R.H. moore, Census Bureau; and H. Wainer, Educational Testing Service. For further information, contact W.O. Williford, CSPCC, VAMC, Perry Point, MD 21902 (301) 642-2411, ext. 572

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JOB OPENINGS

Mathematical Statistician: GM-1529-14   The Market Research and Development Division of The Agricultural Marketing Service, USDA, has a job opening for 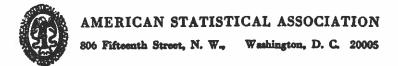a mathematical statistician. The selected applicant will serve as Chief of the Statistics Branch and will be responsible for the full range of statistical consulting and applied research problems that arise in the agencies served. Candidates should have a graduate level degree in mathematical statistics, good verbal and writing skills, and experience in ADP. Qualified applicants should contact Dr. James L. Pearson, (202) 447-3075, or send their SF-171 TO: USDA/AMS/MRD, Room 0608, South Building, Washington, D.C. 20250

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Senior Mathematical Statistician: The Operations Statistics Branch, Statistical Analysis Division of the United States Postal Service is recruiting for a senior level position in mathematical statistics. The incumbent will participate in the development of statistical systems for a broad area of postal operations. Activities include the design of sampling plans, estimation procedures and measures of precision. Professionals with considerable training in mathematical statistics, extensive experience in sampling, experimental design and methods of statistical estimation are invited to apply. Starting salary will be from $30,692 up, depending on qualifications and experience. To apply refer to Position #4775 and forward resume with salary history to: General Manager, Headquarters Personnel Division, 475 L'Enfant Plaza West, SW, Room 1813, Washington, D.C. 20260

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(mailed 3/22/83)

AMERICAN STATISTICAL ASSOCIATION

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