

President: Morris Goldman
V.P. & Pres.-elect: Marie Eldridge
Past President: Joseph Waksberg
Sec.-Treas.: Charles Jones
Representatives-at-large:
Barbara Bailar
David Hulett
Joseph Steinberg
District 3 Rep. to A S A:
Beatrice N. Vaccara
Methodology Section:
Chair: Jay Herson
Program: Frederick Scheuren

Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



Program Committees:
Agriculture: Fred Vogel
Computer Technology: Richard Tæut
Economics: Jerome Mark
Phys. & Engrng: Seymour Selig
Public Hlth & Biost.: Tavia Gordon
Soc. & Dem.: Daniel Levine
Arrangements Comm.: Solomon Loew
Employment Comm.: Marie Eldridge
Membership Comm.: Harold Nisseison
Publicity Comm.: Maury Cagle

NEWSLETTER-MAY 1976

May 5 - Income and Wealth Estimation with Nonprobability Samples
May 18 - Contingency Tables with External Constraints
May 19 - Recent Developments in Record
May 20 - 1975 A F D C Survey
June 2 - ANNUAL DINNER-50th ANNIVERSARY CELEBRATION (see enclosed announcement for details)
June 15 - Bayesian Life Table Analysis

JOINT METHODOLOGY AND ECONOMICS PROGRAM

Topic: Income and Wealth Estimation with Nonprobability Samples
Speakers: Fritz Scheuren and H. Lock Oh, Social Security Administration
James Smith and Stephen Franklin, Pennsylvania State University
Keith Gilmour, Internal Revenue Service
Chairman: John Coleman, Bureau of Labor Statistics
Discussant: Jay Herson, Howard University

In the collection of income and wealth information, probability samples employing household survey techniques generally encounter more or less severe difficulties because of content errors and nonresponse. Respondent resistance to providing financial data is especially marked among the well-to-do. While improvements in survey techniques for the wealthy are being made, practitioners have long looked for alternative measurement methods.

The speakers will discuss one of the most promising of these alternatives, the so-called Estate Multiplier procedure. The multiplier technique assumes that death draws a random sample of the living population and that, if the "right" mortality rates can be applied, information available for decedents can be used to describe characteristics of living individuals.

A general framework will be considered for examining the mean square error of multiplier procedures. Results from validation studies and sensitivity analyses will be presented and plans for future work set forth.

When and Where: Wednesday, May 5, 1976, 12:30 p.m. to 2:30 p.m.,
George S. Boutwell Auditorium, 7th Floor, IRS Building,
1111 Constitution Ave., N.W.

METHODOLOGY PROGRAM

Topic: Contingency Tables with External Constraints
Speakers: Soloman Kullback, The George Washington University
 John Keegel, Department of Health, Education, and Welfare
Chairman: Harry M. Rosenblatt, The American University
Discussant: Carl Maw, National Institute for Education

Classically, contingency table techniques have been concerned with estimating functions of the sample marginals. One of the best known methods for doing this, of course, is the Deming-Stephen iterative proportional fitting algorithm discussed this January at a Washington Statistical Society meeting.

In recent years, other computational procedures, also grounded in the theory of minimum discrimination information, have been advanced to handle more general functions. The speakers will discuss some of their own contributions to these new developments. The focus will be on fitting tables which have external constraints. Practical examples and computational problems will be stressed.

When and Where: Tuesday, May 18, 1976, 12:30 p.m. to 2:00 p.m.,
 The George Washington University, Room 200,
 Building C., 2201 G. Street, N.W.

AGRICULTURE PROGRAM

Topic: Recent Developments in Record Linkage Methodology
Speakers: Max G. Arellano, Statistical Reporting Service, USDA
 William L. Arends, Statistical Reporting Service, USDA
Chair: Henry Power, Statistical Reporting Service, USDA
Discussant: Benjamin J. Tepping, Westat

The application of existing record linkage techniques based on probabilistic models requires certain assumptions which are rarely, if ever, satisfied in practice. Because of the great potential of these probabilistic models for automated list unduplication, the Statistical Reporting Service (SRS) has introduced further refinements into them, thereby extending their applicability. Some of the results of SRS research into model development, file "blocking", component configuration structures, and the estimation of component error probabilities will be presented.

When and Where: Wednesday, May 19, 1976, 12:30 p.m. to 2:00 p.m.,
 Martin Luther King Library, 9th and G Sts., N.W., Room A5

SOCIAL AND DEMOGRAPHIC STATISTICS PROGRAM

Topic: 1975 AFDC Survey
Speakers: Howard Oberheu, National Center for Social Statistics
 Ellen Murray, Social Security Administration
Chairperson: Roger Herriot, Bureau of the Census
Discussant: Barbara Boland, The Urban Institute

Since 1948, HEW has periodically collected detailed information on a sample basis about persons receiving payments under the program for Aid to Families with Dependent Children (AFDC). Beginning in 1967, such studies have been conducted biennially, producing demographic, program, and financial information about participating families.

The speakers will provide some historical perspective on the use of these studies, highlighting the recently completed 1975 AFDC survey. Comparisons will also be made between HEW's work in this area and similar efforts carried out using the Census Bureau's Current Population Survey.

When and Where: Thursday, May 20, 1976, 12:30 p.m. to 2:00 p.m.
 Tower Building, Basement Conference Room, 14th & K Sts., N.W.
 (To gain entrance to building, show guard a copy of this newsletter or Government ID, or sign in with the guard.)

PUBLIC HEALTH AND BIOSTATISTICS PROGRAM

Topic: Bayesian Life Table Analysis
Speaker: Jerome Cornfield
When and Where: Tuesday, June 15, 1976, 11:00 a.m. to 12:30 p.m.
 NIH, Building 31, Conference Room 4 (A wing)

SYMPOSIUM ON APPLICATIONS OF STATISTICS

The Symposium on Applications of Statistics will be held at Wright State University, Dayton, Ohio, during the period June 14-18, 1976. This symposium is sponsored by the Air Force Flight Dynamics Laboratory. Several distinguished scientists who have made significant contributions to the applications of statistics are expected to present invited papers on a very broad spectrum of topics. The Proceedings of the invited paper sessions are expected to be published. In addition to the invited paper sessions, there will be clinical sessions and sessions on contributed papers. The clinical sessions will be primarily composed of scientists and engineers in the Air Force and they will present statistical problems for discussion. Attendance at the symposium is open to anyone interested. Details regarding the symposium may be obtained from the symposium chairman P. R. Krishnaiah, Air Force Flight Dynamics Laboratory, AFFDL/FYS, Bldg. 125, Wright-Patterson AFB, Ohio 45433 (Phone: 255-6832, Area Code 513).

SPECIAL YEAR IN PROBABILITY AND STATISTICS AT THE UNIVERSITY OF MARYLAND

The following is the May lecture schedule:

Professor T. W. Anderson, Statistics and Economics, Stanford University, will give a series of three lectures on "Estimation in autoregressive moving average processes."

Monday, May 3	4:00 P.M.	Rm. YO412 (Math. Bldg.)
Wednesday, May 5	4:00 P.M.	Rm. YO412
Thursday, May 6	4:00 P.M.	Rm. YO412

Listed below is a brief description of the qualifications of individuals submitting an application seeking employment. Any employer interested in interviewing the applicant should notify Mrs. Marie D. Eldridge of their interest by Code Number. The notification should be by mail and should include the employer's name, organization, and telephone number. The employee will be notified of the employer's interest and initiation of any further contact will be left to the employee. All contacts will be confidential. Mrs. Eldridge's address is: Administrator, National Center for Education Statistics, 400 Maryland Avenue, S.W., Room 3073, Washington, D. C. 20202

Code NumberApplicant

4-6-76

(1) M.A., M.S.Hyg., Sc.D., (Biostatistics);
 (2) Teaching, Consultation, Epidemiological studies, Field Trials, Computer applications, Design of experiments, Survey research, evaluation and administration; (3) 17 years experience in medical research, medical school, medical center, Adviser in International Health as Staff member; (4) Open; (5) Open.

4-7-76

(1) B.S. (Economics & Statistics), M.B.A. (Marketing Research & Statistics), Ph.D. (all course work) (Sociology); (2) Survey Design & Analysis, Program Planning, Research Administration & Direction, Social & Evaluation Research, Socio-Economic/Demographic Analysis, Social Indicator Development, Statistical Analysis; (3) 17 years experience conducting research in Criminal Justice, Education, Economics, Quality of Life/Social Indicators, Health, Housing, Aging, Drug Abuse, Manpower Planning, Technology Transfer, Federal (civilian) R&D management, Youth Training and Marketing; (4) GS-13/14/15 or equivalent; (5) Government or Non-Government with preference for Washington, D.C. area or New York City area. Will consider other locations.

Code:

- (1) Education
- (2) Fields of Competence
- (3) Years of Experience
- (4) Salary or GS Level Requirement
- (5) Type of Employment and Geographic Area

One of your privileges and responsibilities as a paid member of the Washington Statistical Society is to cast a ballot in the annual election. The official ballot is enclosed with this Newsletter for your use in exercising your right to vote. Please mark the ballot and return it immediately. WSS will guarantee the postage. Ballots must be received by MAY 14 to be counted.

Given below are brief biographical sketches of candidates in the order they appear on the ballot, who have agreed to run for office for the 1976-1977 season.

BARBARA BAILAR, Chief, Research Center for Measurement Methods, Bureau of the Census. Member ASA (Fellow), Chair-elect, ASA Subsection on Survey Research Methods, Chair-elect of ASA Committee on Women in Statistics, Member of Committee to Revise Brochure on Careers in Statistics, member IMS, PAA, IASS, AAAS. IN WSS, Past Program Chairman of Methodology Section, Past Chairman of Methodology Section, Present Representative-at-large.

VITO NATRELLA, Director, Statistical Division, Internal Revenue Service. Member ASA (Fellow), Conference on Research in Income and Wealth (Editor), member NEC (Nominating Committee), member AEA, member Conference on Computer in Social and Economic Research. IN WSS past Chairman, Committee on Fellows, past member of Nominating Committee.

DAVID HULETT, Chief, Economic Statistics Division, Office of Management and Budget. Member of ASA, AEA, IN WSS, past program Chairman, Economics, present Representative-at-large.

DANIEL LEVINE, Associate Director for Demographic Fields, Bureau of the Census. Member ASA (Fellow), AAPOR, PAA, ISI (Constituent member), IUSSP, IASS. IN WSS, present Program Chairman, Social and Demographic Statistics.

DOROTHY RICE, Director, National Center for Health Statistics, Health Resources Administration, PHS, DHEW. Member of ASA, AEA, APHA, NAS, Fellow Institute of Medicine, NAS, past member Institute of Medical Council, member of NEC, SGE.

SEYMOUR SELIG, Statistician, Office of Naval Research and Managing Editor of Naval Research Logistics Quarterly. Member of ASA (Fellow), ORSA, TIMS, ASQC, WORC. IN WSS, present Program Chairman Physical Science and Engineering and present member of Fellows Nominating Committee.

JOSEPH STEINBERG, President, Survey Design, Inc. Member of ASA (Fellow), AAAS (Fellow), IMS, IASS, ASQC (Senior member), IASI, Assembly of Behavioral and Social Sciences (NRC/NAS.) IN WSS, past member of Nominating Committee, present Representative-at-large.

RICHARD TAEUBER, Statistician, Commission on Federal Paper Work. Member of ASA, member of ASA Committee on Women in Statistics, former member of ASA Ad Hoc Advisory Committee to House Subcommittee on Census and Population, member RSS, IASS, IMS, CCESR, PAS, SRDG. IN WSS, past Program Chairman, Methodology Section, present Program Chairman, Computer Technology Section.

SUSAN MISKURA, Mathematical Statistician, Statistical Methods Division, Bureau of the Census. Member ASA, Member of ASA Caucus for Women in Statistics.

DAVE CHAPMAN, Statistician, Westat, Inc. Member of ASA. Interests include survey sampling, tests of independence based on half-sample replication, distribution-free confidence intervals for a median based on cluster sampling.

MARVIN KASTENBAUM, Director of Statistics, The Tobacco Institute, Inc. Member of ASA, (Fellow), Past Council member, Biometrics Society (past Treasurer) past Associate Editor of Biometrics, IMS, RSS (Fellow), Bernorilli Society, ISI, AAAS (Fellow), N.Y. Academy of Science, FAS.

You are currently recorded as a member of the Methodology Section if your ballot includes the candidates for Program Chairman. If it does not and you want to be a member of the section, please indicate your interest to the National Office, American Statistical Association, 806 15th St., N.W., Suite 640, Washington, D.C. 20005.

President: Morris Goldman
V.P. & Pres. elect: Marie Eldridge
Past President: Joseph Waksberg
Sec. Treas.: Charles Jones
Representatives-at-large:
Barbara Bailar
David Hulett
Joseph Steinberg
District 3 Rep. to A.S.A.:
Beatrice N. Vaccara
Methodology Section:
Chair: Jay Herson
Program: Frederick Scheuren

Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



Program Committees:
Agriculture: Fred Vogel
Computer Technology: Richard Taeuber
Economics: Jerome Mark
Phys. & Engrng.: Seymour Selig
Public Hlth & Biost.: Tavia Gordon
Soc. & Dem.: Daniel Levine
Arrangements Comm.: Solomon Loew
Employment Comm.: Marie Eldridge
Membership Comm.: Harold Nisselson
Publicity Comm.: Maury Cagle

ANNUAL DINNER MEETING

This year the Annual Dinner will commemorate the FIFTIETH ANNIVERSARY of the organization of the Washington Statistical Society. In celebration five past presidents of the ASA, who live in the Washington, D.C. area, will address

"The Past as Prologue to the Future"

A. Ross Eckler (Master of Ceremonies)
Jerome Cornfield
Churchill Eisenhart
Morris Hansen
Aryness Joy Wickens

When and Where: Wednesday, June 2, 1976
Washington Navy Yard
11th and M Sts., S.E.
Officer's Club - Crystal Ballroom

Cocktails (Cash Bar): 6:00 P.M. to 7:30 P.M.
Dinner (Buffet): 7:30 P.M.

Cost: \$9.00 per person (Includes Dinner, Tax, Tips, Ballroom Rental, etc.)

Reservations should be made with Solomon Loew as indicated below before May 30.

Solomon Loew, 10401 Grosvenor Place, Rockville, Maryland 20852

Please reserve _____ tickets for the Annual Dinner, June 2, 1976.

Please Print Name(s) _____

Phone: _____

(Make checks payable to Washington Statistical Society)