

Washington Statistical Society

W.S.S. Newsletter—October 1980
Calendar

Topic: Report of the Committee on Training of Statisticians for Government
Speaker: Rolf M. Wulfsberg, National Center for Education Statistics
Date and Time: Wednesday, October 15, 1980, 12:30 - 2:00 p.m.
Location: F.A.A. Building, 800 Independence Avenue, S.W., Conference Room 9A, B & C, Center of the 9th Floor.

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Topic: New Approaches in Regulatory and Policy Studies of Pollutant Levels
Speaker: Dr. Turkan Gardenier, Office of Planning and Management, U.S. Environmental Protection Agency
Date and Time: Thursday, October 16, 1980, 12:30 - 2:00 p.m.
Location: Federal Building, Room 3000-A, 12th & Pennsylvania Ave., N.W.

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Topic: Scientific Freedom and Human Rights: The Argentina Controversy
Panel: Edgar M. Bisgyer, Managing Director, American Statistical Association; Joseph W. Duncan, Director, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce; Thomas B. Jabine, Statistical Policy Expert, Energy Information Administration, U.S. Department of Energy; Mervin Muller, Director, Computing Activities Department, The World Bank; Eric Stover, Director, Clearinghouse on Scientific Freedom and Human Rights, American Association for the Advancement of Science
Date and Time: Monday, October 20, 1980, 12:00 - 2:00 p.m.
Location: Department of Labor Auditorium

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Topic: Statistics Risk Assessment Course
Speaker: Dr. T. Gardenier, Statistical Analysis Section, Environmental Protection Agency
Date and Time: October 22, 1980 - December 17, 1980, Wednesdays, 10:30 a.m. - 12:00 Noon.
Location: Room 2126, Waterside Mall, Environmental Protection Agency, 401 M Street, S.W.

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Topic: Polls and Pols: Forecasting the 1980 Elections
Panel: Mr. Warren Mitofsky, CBS; Dr. Jack Moshman, ABC; and Dr. Richard Smolka, WRC-TV
Date and Time: Thursday, October 30, 1980, 8:00 p.m.
Location: F.A.A. Auditorium, 3rd floor, 800 Independence Avenue, S.W.

Topic: Sales of Capital Assets Reported on Individual Income Tax Returns
Speakers: Keith Gilmour, Dan Skelly, Bertie Brame:
Members of the Wealth and Tax-Exempt Section, Internal Revenue Service, Statistics Division
Date and Time: Tuesday, October 14, 1980, 1:00 p.m. - 2:00 p.m.
Location: 1201 E Street, N.W., Room 806B, Washington, D.C.

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Topic: An Open Meeting—Social and Planning, Washington Alliance of Statisticians
Date and Time: Tuesday, October 21, 1980, 7:30 - 9:30 p.m.
Location: Nativity Catholic Church, downstairs meeting room, on 13th Street, N.W., between Peabody and Quackenbos Streets (just north of Missouri Avenue—Military Road—a large, lighted parking lot is available)

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Topic: Supplemental Report, Statistics of Income—1974, Foreign Tax Credit Claimed on Corporation Income Tax Returns, Sponsored by the Internal Revenue Service, Statistics Division
Speaker: Alan Zempel
Date and Time: Friday, October 31, 1980, 1:00 - 2:00 p.m.
Location: 1201 E Street, N.W., Room 806A, Washington, D.C.

Conference on Applications of Numerical Analysis
and Special Functions in Statistics
University of Maryland, Mathematics Dept.
October 2-8, 1980

TAILED INFORMATION ON THE MEETING

Topic: Report of the Committee on Training of Statisticians for Government
Speaker: Rolf M. Wulfsberg, National Center for Education Statistics
Chair: Marie D. Eldridge, National Center for Education Statistics
Discussants: Donald Brauer, Office of Personnel Management; Samuel Greenhouse, George Washington University
Abstract: The Committee on Training of Statisticians for Government was formed with the objective of making recommendations on the training of statisticians for government employment at the BS, MS, Ph.D. levels with emphasis on conveying the perceived needs to academic institutions. This report profiles and discusses the training needs of the Federal statistician. In-service training opportunities are discussed and the committee's recommendations to the nation's colleges and universities are detailed.

Topic: New Approaches in Regulatory and Policy Studies of Pollutant Levels
Speaker: Dr. Turkan Gardenier, Office of Planning and Management, U.S. Environmental Protection Agency
Abstract: This presentation integrates several studies in regulatory policy and standards setting, emphasizing a recent application to sulfur scrubber efficiency determinations for coal-fired power plants. This application raised several statistical issues concerning continuous monitors installed for ongoing determinations of compliance:

1. Averaging time for discretized analog data;
2. The effect upon the standard of using moving averages;
3. Statistical distributions which can be used to model forecasts of noncompliance; and
4. Components of variability in data.

New techniques for dealing with these issues will be discussed.

Topic: Scientific Freedom and Human Rights: The Argentina Controversy
Panel: Edgar M. Bisgyer, Managing Director, American Statistical Association; Joseph W. Duncan, Director, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce; Thomas B. Jabine, Statistical Policy Expert, Energy Information Administration, U.S. Department of Energy; Mervin Muller, Director, Computing Activities Department, The World Bank; Eric Stover, Director, Clearinghouse on Scientific Freedom and Human Rights, American Association for the Advancement of Science

Topic: Short Nine-Week Course on Statistics Risk Assessment
Given By: Dr. T. Gardenier of the Statistical Analysis Section, Environmental Protection Agency
Abstract: This short, nine-week course includes topics ranging from analysis of low probability events using the Poisson and Binomial distributions, to hypothesis testing and various risk assessment methods used in environmental modeling. The course will be limited to 30 and will be free of charge. It is open to non-EPA employees. Please contact Amy Borenstein on 755-9010 by October 15th for registration.

Topic: Polls and Pols: Forecasting the 1980 Elections
Panel: Mr. Warren Mitofsky, CBS; Dr. Jack Moshman, ABC; and Dr. Richard Smolka, WRC-TV
Abstract: The Washington Statistical Society and the Washington OR/MS Council will co-sponsor a panel discussion by Mr. Warren Mitofsky (statistician for CBS), Dr. Jack Moshman (statistician for ABC), and Dr. Richard Smolka (political commentator for WRC-TV, the local NBC-affiliated station) on "Polls and Pols: Forecasting the 1980 Elections."

Mr. Mitofsky and Dr. Moshman will describe data collection methods, data smoothing and analysis, historical evolution and distinguishing characteristics of their respective network's models, and interpretations of current measurable trends. Dr. Smolka will discuss the problems incurred in translating election night political statistics and other information into language TV viewers can understand. Questions and answers will follow the presentations.

Warren Mitofsky is Director of the CBS News Election and Survey Unit. He is responsible for the planning and execution of election estimates and analysis, CBS public opinion surveys, and the CBS News/*New York Times* polls. He also serves as a consultant for the analysis and interpretation of other social research for CBS News broadcasts. Mr. Mitofsky joined CBS News in 1967 as Director of Statistical Research. He designed and implemented the vote return estimating system that has been used by CBS since 1967. He was a chief architect in the creation of the CBS News Poll in 1969, and the CBS News/*New York Times* polls in 1976. Prior to joining CBS News, Mr. Mitofsky was chief of the Special Surveys Branch of the Statistical Methods Division, U.S. Bureau of Census, which he joined in 1960. He taught at the University of Minnesota and has conducted special courses for the Federal Communications Commission.

Jack Moshman, President of Moshman Associates, Inc., first became involved with Election Night vote projections when he designed the NBC system for the 1960 Kennedy-Nixon race. He designed the ABC system for the 1964 race and has been associated with that network since that time. Dr. Moshman has devoted many years to the use of computers in statistical and OR/MS applications, starting with his employment at the Oak Ridge National Laboratory and later at the Bell Telephone Laboratories. He served on the ASA Advisory Committee on Statistical Policy to OMB and has most recently divided his time between directing comprehensive evaluations of Federal statistical programs and agencies and serving as an expert statistical consultant in regulatory and judicial proceedings.

Richard Smolka is a Professor in the School of Government and Public Administration, College of Public Affairs, at the American University where he has been teaching since 1962. Since 1968, he has also been an election analyst for WRC-TV. In 1971, he founded a biweekly newsletter, *Election Administration Results*, for election officials at all levels, and currently serves as editor. He has written several books and articles on the costs, difficulties, and possible alternatives to the American national, state, and local election systems, and serves as a consultant to numerous state and local authorities and state officials.

Parking is permitted on Level A in the FAA garage for persons having government identification cards. Other parking is available on streets around the building. L'Enfant Plaza (exit at Maryland Avenue and 7th Street) is the nearest METRO stop.

The FAA auditorium doors will open at 7:30 p.m. Admission will be restricted to WSS and WORMSC members and their guests. Reservations are strongly recommended; please call Jim Carpenter, Chairperson, Arrangements Committee, at 523-1194. Standbys will be admitted on a space-available basis after 7:55 p.m.

Topic: Sales of Capital Assets Reported on Individual Income Tax Returns

Speakers: Keith Gilmour, Dan Skelly, and Bertie Brame

Sponsored by: Internal Revenue Service, Statistics Division

Abstract: The Internal Revenue Service, Statistics Division, is sponsoring a seminar prior to publication of the *Supplemental Report, Statistics of Income—1973, Sales of Capital Assets Reported on Individual Income Tax Returns*, and members of the Wealth and Tax-Exempt Section of the Statistics Division will present an analysis of the data and a discussion of the problems encountered in this comprehensive statistical study of capital asset transactions by type reported by individuals. The status of a similar report for 1977 will also be discussed. Interested persons are invited to attend whether or not they are WSS or ASA members. Advance copies of the manuscript for this supplemental report can be obtained (after October 7) by contacting Bertie Brame on 376-0171. The publication will be available from the Superintendent of Documents, Government Printing Office, by November 28, 1980.

Topic: Washington Alliance of Statisticians' Open Meeting—Social and Planning

Abstract: This evening meeting is scheduled to help plan the year's activities, and provide an opportunity for those interested in the purposes of the ALLIANCE to meet each other. Join us to share problems, thoughts, or ideas that the ALLIANCE might discuss, or which might become the basis for an open technical or discussion session. We will also discuss a possible social activity for local area statisticians other than the WSS annual dinner. Light refreshments will be served.

The ALLIANCE, as discussed in earlier WSS newsletters, is an affiliation of statisticians in the Washington area, concerned with career development aspects other than straight statistical theory and methods, topics which especially impact on all professionally junior statisticians, both male and female. ANY statistician in the local area is invited and welcome, whether or not s/he is a WSS or ASA member. If you have any questions about the meeting or the ALLIANCE, or need a ride to the meeting, please call Marcia Glauberman at 632-9797.

Topic: Supplemental Report, Statistics of Income—1974, Foreign Tax Credit Claimed on Corporation Income Tax Returns

Sponsored by: Internal Revenue Service, Statistics Division

Abstract: The Internal Revenue Service, Statistics Division, is sponsoring a seminar on the Supplemental Report, Statistics of Income—1974, Foreign Tax Credit Claimed on Corporation Income Tax Returns. Alan Zempel of the Statistics Division will report on the methodology and findings of this statistical report. Included in the presentation will be a discussion of more recent data on the amount of foreign tax credit claimed by corporations. Interested persons are invited to attend whether or not they are WSS or ASA members. Data extracts from this supplemental report can be obtained by contacting Alan Zempel on 376-0177.

Topic: Conference on Applications of Numerical Analysis and Special Functions in Statistics

Abstract: As part of its Special Year in Numerical Analysis, the Mathematics Department of the University of Maryland is organizing an interdisciplinary conference on the Applications of Numerical Analysis and Special Functions in Statistics. The purpose of the conference is to describe how existing techniques in numerical analysis and special function theory can be used to solve problems in statistics and also to uncover areas of future research. Pre-registration is requested to assist in planning. The registration fee is \$25.00 and should be sent to Mrs. P.L. Pasternack, Mathematics Department, University of Maryland, College Park, MD 20742.

WASHINGTON STATISTICAL SOCIETY
STATEMENT OF INCOME AND EXPENDITURES FOR JULY 1979 TO JUNE 30, 1980

On Hand June 30, 1980 \$ 2,575.87

Receipts

1. Dues collected July 1979-June 1980 through ASA	\$ 7,269.00	
2. Dues collected July 1979-June 1980 through Local Associates	39.50	
3. Interest on Savings—National Bank of Washington	122.46	
4. Luncheons	694.55	
5. Annual Dinner	1,131.00	
6. Short Course	320.00	9,576.51
		12,152.38

Expenses

1. Direct Newsletter	4,533.91	
a. Graham Letter Service	\$ 3,198.46	
b. Bulk Mail Postage	837.96	
c. ASA Addressing Charge	393.99	
d. Newsletter Typing	93.50	
e. Overpayment to Graham	10.00	
2. Frame, Presidential Appreciation Certificate	6.60	
3. Graduate Student Scholarship Awards	85.00	
4. Society Letterhead and Envelopes	—0—	
5. Miscellaneous: Stamps, rebates for overpayment, name tags at events	156.50	
6. Luncheons (and China Session)	815.64	
7. Annual Dinner	1,067.63	
8. Short Course classroom	140.00	
	Total Expenses	6,805.28
	Difference, operating funds minus expenses	5,347.10

On Hand June 30, 1980

National Bank of Washington Savings Account	2,835.59	
National Bank of Washington Checking Account	2,538.51	
	Total	5,374.10

WSS—Shiskin Award

On Hand June 30, 1979

Receipts

1. Contributions July 1, 1979 to June 30, 1980	329.00
2. Interest National Bank of Washington	79.26

Expenses

1. Money order to move \$2,300.00 from National Bank of Washington Bank of Washington Savings Account to National Permanent Federal Savings and Loan Money Market Certificate	2.00	
	Total Expenses	2.00
	Difference, operating funds minus expenses	
	(Total WSS—Shiskin Award)	2,941.53

On Hand June 30, 1980 for Shiskin Award

National Bank of Washington Savings Account	641.53	
National Permanent Federal Savings Certificate	2,300.00	
	Total Shiskin Award on Hand June 30, 1980	2,941.53

Accounts Payable

All accounts payable resolved by Board during the fiscal 1979-80 year —0—

Net Society Reserves as of June 30, 1980

8,315.63

Nancy B. Dearman
Treasurer

I have examined the Treasurer's Report of the Washington Statistical Society for the period July 1, 1979 to June 30, 1980. The examination was made in accordance with generally accepted auditing standards. It should be noted that the actual accounting period for the checking account has been and remains the period July 30 to August 1. In my opinion, the report presents fairly the cash receipts and disbursements of the Washington Statistical Society for the period July 1, 1979 to June 30, 1980.

Ron Fecso
Chair, Auditing Committee

EMPLOYMENT COLUMN

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

Send notices and requests to:
Evelyn R. Kay
National Center for Education Statistics
400 Maryland Avenue, SW
Washington, DC 20202 301/436-6791

Job Openings

Statistician
GS-1530-9/11/12

The Survey & Analysis Division of the Office of Pesticides and Toxic Substances, EPA, is seeking statisticians with a mathematical statistics background to assist in the design and analysis of complex, multi-stage surveys, as well as other tasks of a statistical nature. Some background in sampling theory is desirable, although an opportunity for on-the-job training in this area exists. The position may be filled at the GS-9, 11 or 12 level and has promotion potential to a GS-13. Send Standard Form 171 and transcripts to Joe Carra, 2262 Wheystone Street, Vienna, Va., 22180, or call at (202) 755-6180.

Chief, Applied Statistics
Branch, SES Level 1-3

A vacancy exists for Chief, Applied Statistics Branch. A thorough knowledge of theoretical and applied statistics and ability to apply statistical theory and methodology to real-world problems is necessary. Experience in supervising and coordinating a staff of statisticians is desirable. Educational background in mathematical statistics, operations research, mathematics, or computer science is required. Send resume with salary history or SF-171 to: U.S. Nuclear Regulatory Commission, Division of Personnel, Recruitment Branch, Washington, D.C., 20555.

Director, Office of
Statistical Design and
Analysis, Energy
Information Administra-
tion

Senior Executive Service Position—Salary Range: \$47,889 - \$52,884* per annum
(*Limited to \$50,112.50)

The Department of Energy's (DOE) Energy Information Administration is seeking a person to (1) direct the planning and implementation of its survey and statistical design services to prospective collectors of energy data, and (2) manage the DOE public-use forms clearance process and respondent burden reduction program. In addition to meeting the executive qualifications, applicants must have an expertise in the area of economics, statistics, mathematics, operations research, computer science and/or related fields, and have the ability to direct a staff of professionals involved in large-scale advanced statistical analysis programs. Send an Application for Federal Employment (SF-171) and, if available, your most current completed performance appraisal to DOE's Executive Resources Management Division, AD-143, Attn: Vacancy No. ERM 80-100, 1000 Independence Avenue, SW, Room 4E060, Washington, DC, 20585. A copy of the complete DOE announcement and all necessary forms are available at the above address. Telephone number is 202/252-8463. Announcement closes October 30, 1980.

Job Applicants

Listed below are brief descriptions of the qualifications of applicants seeking employment. Employers interested in interviewing these applicants should notify Mrs. Kay of their interest by CODE NUMBER. The request should be by mail and should include the employer's name, organization, and telephone number. The applicant will be notified of the employer's interest and initiation of any further contact will be left to the applicant. All contacts will be confidential.

CODE NUMBER 10-1-80

Education:
Expertise:

Bachelor of Arts in Economics

The finances and employment of any USA government: local, state, or national (or all 80,000 governments). Statistics recasting to address any specific research issue. Interdisciplinary gaming. Data interpretation.

Experience:
Position/Salary:

U.S. Census Bureau; free-lance jobs; LEAA; National Center for Health Statistics
Statistician or Economist: \$29,000/year

President: Marvin A. Schneiderman
V.P. & Pres. elect: Shirley Kallek
Past President: George E. Hall
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Jack Moshman
District 3 Rep. to A.S.A. Board:
Joan R. Rosenblatt
Methodology Section:
Chair: David Morganstein
Program: Paul P. Biemer

Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



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Date mailed 9-29-80



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