

Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



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W.S.S. Newsletter—February 1980

CALENDAR

Section: Physical Science and Engineering
Cosponsored: The George Washington University, Department of Operations Research
Topic: Graphical Statistics for Failure Data Analysis
Speaker: A.B. Godfrey, Bell Laboratories, Holmdel, N.J.
Chair: Nozer D. Singpurwalla, The George Washington University
When and Where: Wednesday, February 13, 1980, 12:00 - 1:00 P.M., The George Washington University, Marvin Center, Room 402, 21st Street between H and I.

Sponsor: Washington Alliance of Statisticians
Title: Where the Action Is—Your Career in the '80s.
Speaker: Eva M. June, President, Ability Search, Inc.
Discussant: Valerie Czawlytko, Office of Personnel Management
Chair: Nancy Schroeder, Mitre Corporation
Date: Tuesday, February 26, 1980, 12:30 - 2:00 P.M.
Location: Department of Labor Auditorium—3rd and Independence Ave., N.W.

Methodology Section

Title: Missing Data Problems in a Residential Energy Consumption Survey
Speaker: Dr. Tom Woteki, Energy Information Agency
Discussant: Dr. Dave Chapman, Bureau of the Census
When and Where: Thursday, February 28, 1980, 12:30 - 2:00 P.M. Room 3000A, Federal Building, 12th and Pennsylvania Ave., N.W.

Topic: New Statistical Methodology for Analyzing Quantitative Traits in Family Data
Speaker: Dr. Samuel Karlin, Professor of Mathematics, Stanford University (Currently past President of the Institute of Mathematical Statistics)
When and Where: Thursday, March 13, 1979, 12:30 - 2:00 P.M., The George Washington University Auditorium, Room 103, Building C. G Street between 22nd and 23rd. Visitor parking at structure on I Street at 23rd.

ABSTRACTS

Graphical Statistics for Failure Data Analysis. New graphical methods are proving to be extremely effective for failure data analysis. Recent developments include improved probability plots for censored data and graphical goodness-of-fit tests. Many of the more common graphical techniques can be easily modified to be useful in detecting failure modes, identifying trends in failure rates and displaying relationship between product performance and critical variables.

Where the Action is—Your Career in the '80s. Where will jobs be in the '80s? What will salaries be in the '80s? This session will focus on career planning and selling yourself in your resume and in interviews. It will give you advice and hints on timing your job move, how to price yourself and how to ask for that salary, how to write a resume, how to come across well in an interview, and other aspects of what it takes to move to a better job.

Eva M. June is the founder and president of Ability Search, a 15-year old search firm specializing in operations research, statistics, and computer science. She has been professionally active in ORSA, and is organizing and chairing a session on Careers in O.R. for the April ORSA National Meeting in Washington.

Valerie Czawlytko from the Office of Personnel Management will specifically add appropriate comments from the OPM perspective, and discuss the new Form 1200 which has replaced the SF-171 for mathematical sciences.

Missing Data Problems in a Residential Energy Consumption Survey. Data on a residential energy survey was collected from utilities and other suppliers. Missing data problems had to be resolved. The discussion will focus on the nature of the problems and proposed procedures for dealing with them. Comments and suggestions are encouraged.

JULIUS SHISKIN AWARD FOR ECONOMIC STATISTICS

Nominations are invited for the first annual Julius Shiskin Award in recognition of the outstanding achievement in the field of economic statistics. The Award has been established by the Washington Statistical Society Chapter of the American Statistical Association. It will be presented with an honorarium of \$250.00 at the 1980 Annual Dinner in June 1980.

The recipient will be chosen by representatives from the Bureau of Labor Statistics, Bureau of the Census, Bureau of Economic Analysis, Office of Federal Statistical Policy and Standards, National Bureau of Economic Research, National Association of Business Economists, and WSS, all of which Mr. Shiskin was associated with in his long and fruitful career.

The Award is designed to honor an unusually original and important contribution to aid in the measurement and interpretation of the economy or for exceptionally sound and innovative research in economic statistics. Either individuals or groups can be nominated.

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, DC 20005. Completed nomination forms must be received by April 1, 1980.

EMPLOYMENT COLUMN

Deadline for inserting notices is the 12th of the month preceding the publication date

Send notices and requests to:
Evelyn R. Kay
National Center for Education Statistics
400 Maryland Avenue, S.W.
Washington, D.C. 20202 (202) 245-8340

JOB OPENINGS

**Operations Research Analyst
GS-1515-9/11 or
Statistician GS-1530-9/11**

Position available in Management Sciences Group of the Federal Personnel and Compensation Division of the General Accounting Office, Washington, D.C. Experience in evaluation research survey or research is preferred but not mandatory. Applicant should be familiar with programming languages and/or statistical packages. Send 171 to John S. Riche, Federal Personnel and Compensation Division, General Accounting Office, Room 4100B, 441 G Street, N.W., Washington, D.C. 20548.

**Mathematical Statistician
GS-1529-9/11 or
Economist GS-110-9/11**

Applicants should have experience or academic training in survey sampling, econometric analysis, and time series analysis. Work assignments include survey design, time series seasonal adjustment, and cost index development. Send 171 plus list of college courses to Dr. Myron J. Katzoff, Chief of Research and Methods Branch, Construction Statistics Division, Census Bureau, Iverson Mall, Room 307, Washington, D.C. 20233.

**Operations Research Analyst
GS-1515-12/13 or
Statistician GS-1530-12/13**

Position is as leader of small team of OR analysts and statisticians. M.S. or Ph.D. in Statistics or Mathematics or equivalent experience desired. Team functions as consulting group to agency economists on statistical, mathematical, and econometric issues. Familiarity with statistical software and economic modeling desirable. Ability to organize and conduct training seminars on the use of statistical packages. For more information, contact Robert B. Rovinsky or Linda Atkinson, Operations Research Group, Room 106, Economics, Statistics and Cooperative Services, USDA, 500 12th Street, S.W., Washington, D.C. 20250 (202) 447-5457.

Statistician GS-1530-7/9

Position in Actuarial Division of HUD. Helps develop statistical, mathematical, and actuarial procedures as well as construct related computer software. Send resume or SF 171 to Thomas N. Herzog, Room 6282, Department of Housing and Urban Development, 451-7th Street, S.W., Washington, D.C. 20410.

Statistician GS-1530-9/12

Position available in the Reports and Statistics Service of the Veterans Administration. Prepare estimates and projections of the veteran population as well as estimates of dependents of living veterans and survivors of deceased veterans. Conduct studies relating to the socioeconomic characteristics of veterans, analyze the data, interpret and evaluate the resulting data. Applicants should have a strong background either by education or by past employment in the social sciences and demographic analysis. Submit SF 171 to William A. Maloy, Chief, Research Division (042A1), Veterans Administration, 810 Vermont Avenue, N.W., Washington, D.C.

**Mathematical Statistician
GS-1529-12/13**

Applicant should have a strong background in statistical theory and have an interest in survey design and estimation. The incumbent will participate in the design and analysis of data from a major new government survey sponsored by the Department of Health, Education, and Welfare. Send Form 171 to Income Survey Development Program, Department of Health, Education, and Welfare, 200 Independence Avenue, S.W., Room 432E Humphrey Building, Washington, D.C. 20201, Attention: Dr. Daniel Kasprzyk.

**Mathematical Statistician
GS-1529-11/12**

Applicant should have an interest in sample survey design and analysis of data from complex surveys. The incumbent will participate in the development and analysis of statistical systems for support of agency activities. Topics include development of analysis plans, questionnaires, data collection procedures, estimation procedures, nonresponse imputation. Send SF 171 to Steve Cohen, National Center for Statistics and Analysis, National Highway Traffic Safety Administration, Department of Transportation, 400-7th Street, S.W., Washington, D.C. 20590 (202) 426-1518.

Survey Statistician

Challenging opportunity for professional growth and recognition working on subjects of national and international concern. Permanent, mid-level staff position available with expanding multicultural research and management consulting firm with offices across the United States and overseas.

Candidates should at least have a Masters' Degree in statistics, some experience in the design and analysis of large scale probability samples in social science topic areas, and interest in further development of sampling skills (particularly in the area of complex, multi-stage sample designs). Also must be able to express themselves clearly in writing on technical subjects and have some data processing experience, preferably using generalized statistical software. Assignments will be diverse and include use of state-of-the-art techniques in program evaluation and survey research.

Interested persons should contact and/or send a current resume, including salary requirements, to: Ms. Nancy Jaffie, Development Associates, Inc., 2924 Columbia Pike, Arlington, VA 22204 (703) 979-0100. *Mailed 1/29/80*

Notice to job applicants: This is a reminder that this column is intended for job applicants as well as for employers who have job openings. Anyone interested in inserting a notice should provide a brief statement covering the following topics: education, fields of competence, experience, salary level desired, and preferences, such as location, whether public or private, etc. To protect confidentiality, applicants are assigned a code number that employers use to identify job seekers. Applicants are notified of the employer's interest and initiation of further contact is left up to the applicant.



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