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# Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



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NEWSLETTER - NOVEMBER 1972

November 16 - "Measuring the Measures"  
and "Variables Sampling"

November 21 - "Geometric Representations  
of Bioassays"

## MEETING OF THE METHODOLOGY SECTION OF THE WASHINGTON STATISTICAL SOCIETY

**Chairman:** Richard L. Beatty, Westat Research, Inc.

**Topic #1:** Measuring the Measures

**Speaker:** Clifford J. Maloney, Food and Drug Administration

To measure or not to measure is the burning question in many aspects of management, governmental operations and technology. Measures may be compared on the basis of (1) distortion of the phenomena measured, (2) adequacy, (3) costs -- monetary and otherwise, (4) bias, (5) precision, and no doubt other criteria. Bruggs developed a method for estimating the accuracy of instruments and/or methods of observation during World War II. A biological application arising in the work of the author led to an exact test of significance of Bruggs' procedure.

**Topic #2:** Variables Sampling

*Grubbs*

**Speaker:** Harry Weingarten, Federal Highway Administration

If, instead of rejecting, you pay a low price for material not manufactured according to specifications, you may be interested in the expected pay factor curve instead of the standard operating characteristic curve of a sampling plan. Such a curve will be discussed.

**When and Where:** Thursday, November 16, 8:00 p.m., George Washington University Campus, Marvin Center, Room 415, 800 21st Street, N.W. Members and non-members are welcome to attend the meeting.

MEETING OF THE PUBLIC HEALTH  
AND BIOSTATISTICS COMMITTEE

Chairman: Theodore W. Horner, Independent Statistical Consultant

Topic: Geometric Representations of Bioassays

Speaker: Miles Davis, Food and Drug Administration

When and Where: Tuesday, November 21, 8:00 p.m., National 4-H  
Foundation, 7100 Connecticut Ave., N.W. Members  
and non-members are welcome to attend the meeting.

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ASQC -- Merrill Swanson of the Animal and Plant Inspection Service,  
USDA will speak on automated sampling methods.

When and Where: Wednesday, December 13, 11:30 a.m., Officers' Open  
Mess, Arlington Hall Station, Route 50 just west of  
Glebe Road. Price of lunch is \$3.75. For reser-  
vations call George Oka 697-8660 or Gaylon Laurent  
697-9781. Please make your reservations prior to  
noon December 12.

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WSS Outstanding Paper Award -- The Executive Board of the Washington  
Statistical Society has voted to discontinue the Outstanding Paper  
Award for achievement by young professionals. This action was taken  
after a review by the Board with advice from past heads of the  
Outstanding Paper Award Committee. No award has been made under the  
program last year.

The review pointed up a number of problems and inequities in the  
program that would be difficult to resolve. The consensus was that  
WSS should actively seek other, more effective, means to encourage  
and recognize meritorious professional work by younger statisticians  
in the area. Suggestions from members will be welcome and may be  
submitted to Edward C. Bryant or to Harold Nisselson (U.S. Office of  
Education, Room 3073, FOB #6, 400 Maryland Ave., S.W., Washington,  
D.C. 20202) for transmittal to the Board.

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### JOB APPLICANTS

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 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. Mrs. Eldridge's address is: Director, Office of Statistical Programs and Standards, Management Information Systems Department, U.S. Postal Service, Room 2407, Washington, D.C. 20260.

<u>Code Number</u>	<u>Applicant</u>
96-10-2	(1) B.S., M.A. in Economics; (2) Economic research or statistical analysis; (3) Six years as Economist and Statistician dealing with industry-sector statistics and indexes; (4) GS-12; (5) Government in Washington, D.C. area.
97-10-2	(1) M.S.P.H. in Biostatistics; (2) Statistics, statistical computing, modelling, simulation; (3) Seven years; (4) GS-13 or equivalent; (5) Washington Metropolitan area.
98-10-2	(1) B.S., Mathematics, B.S. Chemical Engineering, M.S. Chemical Engineering, PhD Statistics; (2) Teaching regression, design of experiments, sampling, nonparametric statistics, linear statistical modelling; (3) 15 years; (4) GS-13-15 or \$20,000; (5) Government or private industry in the Washington, D.C. area.

- CODE: (1) Education  
(2) Fields of Competence  
(3) Years of Experience  
(4) Salary or GS level requirement  
(5) Type of employment and geographic area