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# Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



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NEWSLETTER - MARCH 1973

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

- Topic : Non-Parametric Sequential Analysis of Survival Data  
Chairman : Dr. Sam Greenhouse, National Institutes of Health  
Speaker : Dr. James Ware, National Institutes of Health  
Discussant: Dr. David Alling, National Institutes of Health

It will be shown that when two groups of subjects are simultaneously placed into a treatment and a control group and followed to death, the accumulating survival data can be sequentially analyzed in a manner similar to Wald's sequential probability ratio test. The result follows from the fact that the appropriately defined Mann-Whitney statistic defines a stochastic process which is asymptotically equivalent to the Wiener process on (0,1). Critical values, power functions and average sample numbers can be tabled.

When and Where: Wednesday, March 14, 12:30-2:00 p.m., Wilson Hall, National Institutes of Health, Bethesda, Maryland. Wilson Hall is located on the 3rd Floor of Building 1. This will not be a luncheon meeting.

Attendees should park in areas designated for visitors.

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The Washington Statistical Society Methodology Section sponsors a new continuing sequence of meetings called Methodology Discussions - on an experimental basis, continuation depending on interest.

For the purpose of increasing communication among government agencies and organizations in private industry on current problems in statistical methodology.

Format: Typically, representatives from three organizational activities will be invited to present current problems in statistical methodology. These problems will be discussed by the representatives and a panel of invited discussants. Audience participation is invited and encouraged. A moderator will preside over the meetings. To facilitate discussion invited representatives will be asked to provide a 100 word brief for advance publication in the WSS Newsletter.

The meeting will be open to all interested persons.

The meetings for Methodology Discussion will run concurrent with and will not interfere with the regular program of speaker sessions.

The initiation of the Methodology Discussion meetings comes about as a result of interest to extend communication on mutual problems in statistical methodology brought to our attention at an Ad Hoc meeting of government statisticians arranged by Dr. Earl Bryant, National Center for Health Statistics.

Harry M. Rosenblatt, Chairman  
Washington Statistical Society  
Methodology Section

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The Department of Statistics of the George Washington University is revising its mailing list. If you would like to receive notification of their lectures please send your name and address to:

Mailing List  
Statistics Department  
George Washington University  
Washington, D.C. 20006

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#### JOB APPLICANTS

Listed below are brief descriptions of the qualifications of individuals submitting an application seeking employment. Any employer interested in interviewing the applicants 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: Chief, Mathematical Analysis Division, National Highway Traffic Safety Administration, U.S. Department of Transportation, Room 5120, Washington, D.C. 20590.

#### Code Number

#### Applicant

104-2-3

(1) B.S. (Applied Math.), Ph.D. (Math. Stat.);  
(2) Data analysis and report writing - many publications; (3) 10 years in health and social applications; (4) GS-13 or \$21,000;  
(5) Government or private industry in Washington, D.C. area.

105-2-3 (1) B.A., M.Ed. (Educ. Planning), M.S. (Stat. O.R.), Ph.D. (Educ. Systems Analysis); (2) Research design, Quantitative method of social-educational planning, Linear programming, Statistical analysis, Test construction, Computer programming; (3) 10 years in research, 3 years in teaching at graduate level; (4) Open; (5) Part time or consultant, Full time position may be considered.

106-2-3 (1) A.B. Math. (honors), Diploma Aerospace, Ph.D. Ed. to be awarded in 1973; (2) Systems analysis, Statistical and mathematical analysis and modeling; (3) 20 years of systems analysis including design of experiments, PERT networking, and lecturing in statistics and aerospace; (4) GS-13; (5) Government in metropolitan Washington.

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