

# Washington Statistical Society

CHAPTER-AMERICAN STATISTICAL ASSOCIATION



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## NEWS LETTER

March 1955

### STATISTICS AS LEGAL EVIDENCE

The problems, statistical and legal, which confront statisticians when they present statistical evidence will be discussed at our March meeting.

The increased acceptance of statistical techniques during the past decade is bringing about greater use of statistical material as evidence in legal cases. Statisticians who have had occasion to present statistical evidence in legal cases, however, have encountered many frustrations. The validity and reliability of surveys which have been conducted with careful adherence to recognized statistical procedures are frequently questioned. Sometimes no weight is given to such evidence. On the other hand, statistical evidence that any competent statistician would disown is often accepted by the Courts and used as a basis for decisions.

The statistician must be prepared to justify his procedures to meet the standards imposed in adversary proceedings and at the same time there is need for recognition by the courts and quasi-judicial agencies of the existing standards of statistical practice.

Date: Monday, March 21, 1955  
Time: 8:00 p.m.  
Place: Room 2 (downstairs), Hall of Government, George Washington University, 21st and G Streets, N. W.

Chairman: Dorothy Morrow Gilford, Statistician, Federal Trade Commission

Speaker: W. Edwards Deming, Professor of Statistics, New York University

"On the Preparation and Presentation of Statistical Studies as Legal Evidence"

Discussant: Earl J. Cox, Hearing Examiner, Federal Trade Commission

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Progress Report from the Employment Service

In January and February, the USES-DC received eight new applications for jobs from statisticians, received five new job openings, referred fourteen applicants to prospective employers and verified that two applicants were hired.

Current job opportunities include:

Analytical Statisticians, (4) needed for Army installation in nearby Maryland. Grades range from GS-7 to GS-12, (\$4200-7040) depending upon the experience and educational qualifications of the applicants. The duties and responsibilities include test design and analysis of test results obtained in the development of ammunition and weapons. The GS-12 position includes supervisory duties. Experience in mathematical and engineering statistics is preferred. Applicants must meet U. S. Civil Service requirements and should submit CS Form #57.

Junior Statistician: Male or female; MA or equivalent in mathematical statistics; \$5060-5940 or more depending on experience and qualifications; responsible for statistical planning of experiments and design in an Engineering Research and Development Laboratory; submit CS Form #57.

Statistician, (market research): Male under 40; BA degree plus courses in statistics; two to three years experience in statistical analysis of market research collecting data on potential sales of products and services, investigate methods and cost distribution and advertising. This position is with a local trade association; 5 day week; salary approximately \$4000 per year.

Statistician: Male or female; degree in statistics; \$300-500 a month depending on experience and qualifications; will coordinate, expedite and observe progress in preparation of experimental data reports for a research organization; may perform complete liaison and analytical functions for special projects. Submit resume of experience and education.

Any one interested in one of these employment opportunities (each of which requires U. S. citizenship) should send the requested forms to Mr. Nathaniel Todd, The United States Employment Service 315 12th Street, N. W., (Old Post Office Building, 12th and Pennsylvania Avenue, N. W.,) Washington 25, D. C., or contact him by telephoning District 7-7000 extension 269, (govt. code 187), for further information.

Margaret Martin  
Secretary-Treasurer