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# Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION

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NEWSLETTER - JANUARY 1974

January 9 - On the Measurement of Earning Differentials between the Sexes  
January 15 - The Future of the National Center for Health Statistics

### METHODOLOGY SECTION PROGRAM

Topic: On the Measurement of Earning Differentials between the Sexes

Speaker: Joseph Gastwirth, George Washington University

Various agencies of the government analyze earnings differentials between groups by the ratio of their median earnings or the "overlap" of their distributions. A new measure will be discussed based on the probability that a woman earns at least as much as a man. Social Security data was analyzed and the results indicate that earning differentials increase with time in the labor market. Analysis of other government data indicates that women fair worse relative to men in jobs in which they predominate (numerically).

When and Where: Wednesday, January 9, 10:30 a.m., George Boutwell Auditorium, IRS Building, 7th Floor, 1111 Constitution Avenue, N.W.

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### PUBLIC HEALTH AND BIostatISTICS

Topic: The Future of the National Center for Health Statistics

Speaker: Edward B. Perrin, Director, National Center for Health Statistics

Chairman: Tavia Gordon, National Center for Health Statistics

When and Where: Tuesday, January 15, 11:00 a.m., NIH, Building 1, Wilson Hall, Bethesda, Maryland.

Circle on your calendar January 30, 1974. Nobel Laureate Wassily Leontief will be featured at a joint meeting with the National Economist Club. Details will be announced about mid-January.

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### JOB OPENINGS

#### National Institutes of Health

Immediate opening for a GS-12 (\$17,497 - \$22,744) Statistician. Responsibilities involve (1) the application of existing statistical techniques to biometric problems and (2) the development of new techniques or modification of existing ones to fit various problems as appropriate. Some time is available to pursue methodological research. A Ph.D. (or its equivalent) is preferable. Background should include exposure to both applied statistics and statistical theory. The individual should enjoy working with statisticians and researchers from other disciplines. Position is located in Bethesda, Maryland. To apply, forward resume or Federal Government Application Form (SF-171) to Mr. Michael Rosenthal, Building 31, Room 8A-25, NINDS, Bethesda, Maryland 20014. Applications must be received by March 1, 1974.

#### National Center for Educational Statistics

Position open for survey statistician (GS-11 to GS-13) to serve as specialist in designing a comprehensive data collection system and in planning special surveys at the postsecondary level. For further information, contact Dr. Marjorie Chandler, National Center for Educational Statistics, U.S. Office of Education, Room 3061, 400 Maryland Avenue, S.W., Washington, D.C. 20202, Phone: (202) 245-8585.

Position open for mathematical statistician (GS-12 or GS-13) in a program of survey, and sample design, evaluation of sampling and nonsampling error, and research in methodology. Problems involved cover both institutional and population surveys. For further information, contact Francis C. Nassetta, National Center for Educational Statistics, U.S. Office of Education, Room 3073, 400 Maryland Avenue, S.W., Washington, D.C. 20202, Phone: (202) 245-8703.

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 employee. All contacts will be confidential. Mrs. Eldridge's address is: Acting Director, Office of Accident Investigation and Data Analysis, Research Institute, National Highway Traffic Safety Administration, U.S. Department of Transportation, Room 5125, Washington, D.C. 20590.

<u>Code Number</u>	<u>Applicant</u>
125-12-3	(1) B.S. in Math, MS in Operations research/statistics; (2) Systems analysis, quality control, project management; (3) Six years; (4) GS-13 or equivalent; (5) Government or private industry Washington, D.C. area.
126-12-3	(1) B.S. (Mathematics), M.S. (Operations Research), Ph.D. (Mathematical Statistics); (2) Mathematical modeling, sample surveys, time series analysis, project management; (3) Six years experience, Government and private industry; (4) GS-14; (5) Washington, D.C. area.
127-12-3	(1) A.B., A.M.T., Ed.D. (Educational Measurement and Statistics), Post Doctoral Study (Multi-variate statistics); (2) Survey design and analysis, testing and evaluation, consulting, statistical and multi-variate analyses, contract and research management; (3) 14 years of research design and analyses in government, private industry, and overseas in education and health fields; (4) GS-15 or equivalent salary; (5) Government or private industry in Washington, D.C. area.

(Over)

Code Number

Applicant

128-12-3

(1) B.S., M.A. (Economics); (2) Statistical or Economic Analysis in the areas of Industrial Economics and Price Indexes; (3) Four years experience in the field of Industrial Economics while employed in the Industry Division of the Bureau of the Census; 2 years experience in the field of Industrial Price Indexes while employed in the Branch of Industry Price Indexes of the Bureau of Labor Statistics; (4) GS-12; (5) Government in 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

Joint Luncheon Meeting of the  
Washington Statistical Society and National Economics Club  
to Honor  
Professor Wassily W. Leontief  
Recent Recipient of the  
Nobel Award for Economic Science

The luncheon meeting will provide the Washington statistics and economics community with an opportunity to meet Prof. Wassily W. Leontief, Professor of Economics at Harvard University and former President of the American Economics Association.

Professor Leontief has achieved a world-wide reputation for his work on the development of input-output techniques of economic analysis and recently received the Nobel Award for Economic Science in recognition of this contribution to conceptual and empirical research in economics. Input-output analysis is concerned with making explicit and quantifying the complex interrelationships among sectors of the economy. This approach has been used in the analysis of a whole host of economic problem areas, including most recently, pollution control and energy shortages. Professor Leontief's talk will be based on his many years of experience in the development and application of this approach to economic analysis.

Professor Leontief will be introduced by George Jaszi, Director, Bureau of Economic Analysis, U.S. Department of Commerce.

The Time : Wednesday, January 30, 12 noon (Cocktails)  
and 12:30 (Lunch)

The Place: George Washington University, Marvin Center  
Ballroom, 800 21st Street, N.W.

The Price: \$6.00. Cash bar available.

Please complete the reservation form below and mail to reach Mr. Harte by Monday, January 28.

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James Harte, PR:S:MS, IRS, 1111 Constitution Avenue, N.W.,  
Washington, D.C. 20224

Please reserve \_\_\_\_\_ tickets for the Leontief Luncheon, January 30.

Name \_\_\_\_\_ Organization \_\_\_\_\_

Phone \_\_\_\_\_

(Make Check payable to "Washington Statistical Society")  
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