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# Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



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## NEWSLETTER - APRIL 1969

The Washington Statistical Society, the Washington Operations Research Council and the Washington Chapters of the Institute of Management Sciences and the Association for Computing Machinery are sponsoring an expository seminar on OMNITAB entitled:

### "Statistical Computing Made Easy for Non-Programmers"

**When and Where:** 9:00 AM to 1 PM, Wednesday, April 2, Conference Room B, Inter-departmental Auditorium, Constitution Avenue between 12th and 14th Streets, N.W.

**Chairman:** Theodore W. Horner, Booz, Allen Applied Research Inc.

#### Session I, 9:15-10:15

9:15-9:35 Joseph Hilsenrath, NBS, "OMNITAB: Design, Motivation, Rewards"  
9:35-9:55 Brian L. Joiner, NBS, "Basic OMNITAB"  
9:55-10:15 David Hogben, NBS, "Why OMNITAB"

#### Session II, 10:40-11:40

10:40-11:00 Sally T. Peavy, NBS, "Ground Rules"  
11:00-11:20 Brian L. Joiner, NBS, "Power and Flexibility Disclosed"  
11:20-11:40 David Hogben, NBS, "Instructions for Statistical Computing"

#### Session III, 12:00-1:00

12:00-12:20 Joseph M. Cameron, NBS, "Matrix and Array Operations"  
12:20-12:40 Joan R. Rosenblatt, NBS, "Exploratory Data Analysis"  
12:40-1:00 Carla G. Messina, NBS, "Demonstration"  
Walter J. Gilbert, University of Maryland

Speakers will show how OMNITAB--A Computer Program for Numerical and Statistical Analysis can easily be used to do computing that arises in statistical consulting and research. A discussion of the history, basic features and philosophy of OMNITAB will be followed by a presentation of enough details so that listeners will be able to proceed quickly from doing the simple kinds of computing done on a desk calculator, to linear regression calculations, to the more difficult computing required for the analysis of PBIB designs and non-linear estimation. Applications will be discussed and live demonstrations are planned using a remote terminal to the computer and a TV screen to make the computer input and output easily visible.

The presentation has been arranged in several sequential sessions that proceed from a general description to a more detailed treatment. This will permit attendees to leave before a session that has greater detail than that which reflects the attendee's interest.

(over)

Maurice Bresnahan, Bureau of Labor Statistics, Room 2818 GAO Bldg., D.C. 20212

Please reserve \_\_\_\_\_ tickets for Moore Luncheon, April 16.

Name \_\_\_\_\_; Agency \_\_\_\_\_; Phone \_\_\_\_\_.

(Check payable to Washington Statistical Society)

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LUNCHEON MEETING

Speaker: Goeffrey H. Moore, Commissioner, Bureau of Labor Statistics

Subject: Overemployment, Underemployment and Unemployment

Dr. Moore has recently been appointed Commissioner of Labor Statistics. Prior to coming to Washington, he was Director of Research, National Bureau of Economic Research, Inc. He has served the American Statistical Society in many capacities including the Presidency in 1968. Dr. Moore will offer some observations on the statistics we have and the statistics we need to appraise the unemployment situation.

When and Where: Noon, Wednesday, April 16, Presidential Arms, 1320 G Street, N.W.  
Price of lunch is 2.75 (includes tax and tip)

Please fill out the reservation above and mail to reach Maurice Bresnahan by noon April 15.

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Attention members in the Baltimore area. The Baltimore Committee of WSS has arranged the following meeting.

Speaker: John A. Flueck, Associate Professor of Statistics, Department of Statistics, Temple University, Philadelphia

Subject: Weather Modifications and Statistics

Discussants: Glen Brier, Chief, Meterological Statistics Group  
Environmental Science Service Administration

Jim Smith, Meterologist, WJZ-TV Westinghouse Broadcasting Company

When and Where: 8:00 PM, Tuesday, March 25, Auditorium, Health Sciences Library,  
University of Maryland, 111 South Greene Street, Baltimore, Maryland 21201

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Lecture Series in Mathematical Statistics and Probability Theory

Speaker: Professor Alfred Renyi, University of Budapest and University of North Carolina, Chapel Hill, North Carolina

Subject: On a New Law of Large Numbers

When and Where: 3:30 PM, Friday, March 28, Caldwell Hall, Room 153 (Auditorium),  
The Catholic University of America

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District of Columbia Sociological Society Meeting

Speaker: Ernest R. Hilgard, Department of Psychology, Stanford University

Subject: What's Ahead for the Social Sciences

Discussants: Albert D. Biderman, Bureau of Social Science Research

Kenneth Little, Executive Secretary, American Psychology Association

Harold Orlans, Brookings Institution

Preston Valien, U.S. Office of Education

When and Where: 8 PM, Wednesday, April 30, George Washington University, Corcoran Hall, 725 21st Street, N.W., Room 100

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LUNCHEON MEETING

Speaker: Iwao M. Moriyama, Director, Office of Health Statistics Analysis  
National Center for Health Statistics

Subject: Prospects for Reducing the Infant Mortality Rate

Former Secretary of Health, Education and Welfare, Wilbur Cohen, set forth a series of goals for 1976. Among these is reduction of the infant mortality rate from 22.1 per 1,000 live births to 12.6. Is this a realistic goal?

When and Where: Noon, Wednesday, March 26, Presidential Arms, 1320 G Street, N.W.  
Price of lunch is 2.75 (includes tax and tip)

Full details appeared in the March Newsletter. Reservations may be made by contacting Maurice Bresnahan, 961-2444 or sending \$2.75 to him at Room 2818, GAO Bldg., D.C. 20212.

Maurice Bresnahan, Bureau of Labor Statistics, Room 2818 GAO Bldg., D.C. 20212

Please reserve \_\_\_\_\_ tickets for Chiazze Luncheon, April 30.

Name \_\_\_\_\_; Agency \_\_\_\_\_; Phone \_\_\_\_\_.

(Check payable to Washington Statistical Society)

LUNCHEON MEETING

Speaker: Leonard Chiazze, Georgetown University

Subject: Fertility and Population Control

Statistical studies of the human menstrual cycle have not provided consistent results with respect to measures of length and extent of variability. One of the assumptions basic to the success of the calendar rhythm method for fertility control is that potential users will be menstruating at fairly regular intervals. Discussion of results of a perspective study of length and variability of the human menstrual cycle and implications for calendar rhythm will be presented.

When and Where: Noon, Wednesday, April 30, Presidential Arms, 1320 G Street, N.W.  
Price of lunch is \$2.75 (includes tax and tip)

Please fill out the reservation form above and mail to reach Maurice Bresnahan by noon, April 29.

JOB OPENINGS

Management Science America, Inc. is seeking outstanding individuals at all levels (\$8,000 - \$30,000) in the areas of commercial and military O.R., programming/analysis, MIS, economics, urban science and transportation. Application will be on a diversity of consulting assignments in both the commercial and government areas. A strong undergraduate degree combined with an advanced degree(s) from a leading school is desired. Applicants will be for equivalent experience in lieu of a degree in certain cases. Interested candidates should contact Staff Recruiting, Management Science America, 1911 North Fort Myer Drive, Arlington, Virginia 22209. Telephone: 524-5619.

Bureau of the Census (overseas job vacancy) has a vacancy for a Demographer (Fertility Surveys) to the Government of India. The position is located at the Demographic Training and Research Center, Chembur, Bombay. Salary level depends upon educational background and experience. Applicant will assist in analyzing data from previous fertility surveys and participate in the planning for similar type survey as the need arises. Interested persons should have a degree in Sociology (Demography) with at least five years of fertility research experience. Contact: Mr. Martin J. McMahon, Chief, Consultation Branch, Overseas Consultation and Research Office, International Statistical Programs, Bureau of the Census, Room 2175, FOB #3, Washington, D.C. 20233. Telephone: 440-7457 or Government Code 157-7457.

Interstate Commerce Commission has two vacancies at the Supervisory Statistician level (General), GS-14 (\$16,946 per year) and GS-15 (\$19,780 per year). Duties involve probability sampling; statistical quality control; establishing statistical standards, and conducting or directing basic statistical and mathematical research in national transportation programs. Interested applicants should contact Mr. William E. Moore, Interstate Commerce Commission Building, 12th and Constitution Avenue, N.W., Room 1136, Washington, D.C. 20423. Telephone: 737-9765, extension 7106. Government code and extension 156-7106.

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Notices for inclusion in future issues should be sent to Mrs. Marie D. Eldridge, Office of Statistical Programs and Standards, Bureau of Finance and Administration, Post Office Department, 12th and Pennsylvania Avenue, N.W., Washington, D.C. 20260, Room 2407. Forms outlining the items to be included in the notice are available from Mrs. Eldridge. No phone announcements please.  
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