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NEWSLETTER - OCTOBER 1973

October 24 - Standards for Statistical Reports
October 24 - U.S. Balance of Payment--Developments and Outlook
November 7 - Multiple Regression in the Analysis of Counts and Proportions
November 12 - Probability as A Basis for Action

MEETING OF THE METHODOLOGY SECTION

Topic: Standards for Statistical Reports

Chairman: Thomas B. Jabine, Social Security Administration

Speakers: Panel 1, Bureau of the Census
Maria Gonzalez
Jack Ogus
Gary Shapiro

Panel 2, National Center for Health Statistics
Monroe Sirken
Iris Shimizu
Dwight Brock
Dwight French

Dicussant: Marie D. Wann, Office of Management and Budget

(Over)

Recommendation 5-1 of the Report of the President's Commission on Federal Statistics calls for "... the full documentation of total error in statistics made available to other users." The two panels will discuss efforts made by two Federal agencies in complying with this recommendation.

The Bureau of the Census issued "Standards for Discussion and Presentation of Errors in Data." These standards cover both sampling and nonsampling error. They consist of 13 basic standards and several appendices.

The National Center for Health Statistics is attempting to develop a manual which will establish a protocol for conducting quality control over statistical reports. In developing their manual the staff is especially concerned with the problem of establishing the appropriate statistical tests that should be made to justify the statistical statements in the text of the reports.

When and Where: Wednesday, October 24, 10:00 a.m. - 12 Noon, General Accounting Office Auditorium, 7th Floor, 441 G St., N.W.

Parking: For the usual local fee, attendees should find convenient parking in the several commercial lots located in the neighborhood.

ECONOMICS PROGRAM

Topic: U.S. Balance of Payments--Developments and Outlook

Panel Members: David T. Devlin, Associate Director for International Economic Analysis, BEA, Department of Commerce

Walther Lederer, Senior Advisor on Balance of Payments Analysis, Department of Treasury

Samuel Pizer, Advisor, Division of International Finance, Federal Reserve Board

Members of the panel will discuss the significance of recent balance of payments and foreign exchange market developments and the major factors affecting the outlook for the rest of the year. Topics included will be merchandise trade, the impact of the devaluations, direct investment and portfolio transactions and short term capital flows.

After an opening statement by each of the panel members and some discussion, the meeting will be opened up for questions.

When and Where: Wednesday, October 24, 2:00 p.m., GAO Auditorium,
7th floor, 441 G Street, N.W.

PUBLIC HEALTH AND BIostatISTICS PROGRAM

Topic: Multiple Regression in the Analysis of Counts and Proportions

Speaker: James Schlesselman, National Institute of Child Health
and Development

In principal a rare event conceived as the function of several independent variables can be represented by a Poisson process where the Parameter is a log-linear model. Maximum likelihood estimates of the parameters will be shown to reduce to least square lineal regression.

When and Where: Wednesday, November 7, National Institutes of
Health, Building 31, A-wing, Conference Room 5,
11:00 a.m.

MEETING OF THE METHODOLOGY SECTION

Topic: Probability as a Basis for Action

Speaker: Dr. W. Edwards Deming, Consultant in Statistical Studies

Probability distributions are necessary for understanding random variation and for conclusions that lead to action or to accretion of scientific knowledge. Some statistical techniques described in text books turn out on close-examination to be helpful, others misleading. For example, a test of significance is not a basis for action nor for accretion of knowledge. The speaker will present examples.

When and Where: Monday, November 12, 2:00 - 4:00 p.m., George S.
Boutwell Auditorium, 7th floor, 1111 Constitution
Avenue, N.W.

The Washington Operations Research Council (WORC) will hold an evening meeting on Wednesday, October 17 at 8:00 p.m. Featured will be Dr. Allen S. Rehm, Jr., of Ketrion, Inc., discussing Military Operations Research in the USSR. The meeting will be held in the 7th floor auditorium of the Center for Naval Analyses, 1401 Wilson Boulevard, Rosslyn, Arlington, Virginia. Free parking is available in the building--enter on the D level ramp on Nash Street.

Although not a formal part of the meeting, attendees are invited to join the speaker and the WORC Board of Trustees at a no-host dinner at the La Bella Vista Restaurant atop the Arlington Towers, 1011 Arlington Boulevard near CNA in Rosslyn. Cocktails will be available beginning at 5:00 p.m. followed by dinner at 6:15. Reservations are not required for the meeting but are necessary for the dinner; call Dr. Larry Wiener, 767-2003, or Jack Walker, 296-5000 prior to noon on October 15, 1973.

The National Bureau of Standards will sponsor an OPEN HOUSE on October 26 and 27 from 8:00 a.m. - 4:00 p.m. Find out how the Nation's measurement laboratories measure up.

JOB OPENING

National Naval Medical Center

Has an immediate opening for a GS-9 or GS-11 Statistician (Health). The duties involve the analysis of medical data to be used by program managers for decision making. Subject areas include (1) morbidity and mortality, (2) medical manpower and (3) hospital workload. Incumbent will also write short articles for publication in Statistics of Navy Medicine and contribute analytical sections in Annual Report of Surgeon General. Position located in Naval Center in Bethesda, Maryland. Please contact Mrs. Cherry at 295-1420.

JOB APPLICANTS

Listed below are brief descriptions 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: Chief, Mathematical Analysis Division, National Highway Traffic Safety Administration, U.S. Department of Transportation, Room 5120, Washington, D.C. 20590.

<u>Code Number</u>	<u>Applicant</u>
120-9-3	(1) B.A. (Math); M.A. (Biostat); (2) Analysis laboratory data, handling large data file, data analysis, consultation; (3) 3 years, research assistant, teaching, programming; (4) GS9-11, \$10-14,000; & (5) Industry or Government, Washington Metropolitan area.
121-10-3	(1) B.S. (International Rel. & Econ.), M.A. (Economics and Statistics); Completed courses toward Ph.D. in Economics (expect to complete this program of study). Other education not a part of the above programs were mathematics, statistics, accounting, business administration, and LL.B. in law. (2) Financial and quantitative economics, statistical and econometric methods, micro-macroeconomics. (3) Four years Economist (econometrics), energy and mineral leasing; 8 years Statistician in financial markets and industry evaluation; and 3 years as a Financial Analyst. (4) GS-14 or equivalent. (5) D.C. area.
123-10-3	(1) B.S. in Fuel Engineering, M.S. and M.Ph. in Statistics. (2) Design of Experiments, Regression Analysis, Multivariate Analysis. (3) 5 years. (4) GS-12, salary open to discussion (5) Private industry; geographic area open.

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