Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION

NEWSLETTER - DECEMBER 1975

December 3 - Statistical And Policy Implications of Public Law 93-380

December 4 - Controlled Selection - Recent Developments and Applications

December 10 - Training Under The GI Bill: Differences in Utilization
              and Effects

SOCIAL AND DEMOGRAPHIC STATISTICS PROGRAM

Topic: Statistical And Policy Implications of Public Law 93-380

Panel Speakers: Dr. Alan Ginsburg
                    Wray Smith
                    Office of the Secretary, HEW

                    Earle Gerson, Bureau of the Census

Chairman: George Hall, Statistical Policy Division,
                    Office of Management and Budget

                    The Education Amendments of 1974 (Public Law 93-380)
                    provide an important example of legislation that
                    recognizes the essential role that should be played
                    by quantitive data in policy analysis. Nonetheless,
                    the mandate from Congress was expressed in rather
                    general terms which require operational interpretation
                    for data collection and analysis. It has been necessary,
                    in the case of Title I of the Elementary and Secondary
                    Education Act, to try to examine "Who is it that should
                    be helped," "Where does our money go?" "How to make
                    sure that allocation formulas stay accurate and equity
                    is maintained?" In addition, in Public Law 93-380,
                    Congress mandated a sizeable sample survey to update
                    the count of school-age children State by State. As a
                    result, the Survey of Income and Education (SIE) has
                    been developed by Census and HEW, with actual field
                    work to take place in the spring of 1976. Its design
                    and content will be summarized. Some opportunities for
                    statistical analysis will also be discussed.

When and Where: Wednesday, December 3, 1975, 12:30 to 2:00 P.M.
                    George S. Boutwell Auditorium, 7th Floor
                    IRS Building, 1111 Constitution Avenue, N.W.
                    (There is a cafeteria on the 7th floor, close
                    to the auditorium.)

METHODOLOGY PROGRAM

Topic: Controlled Selection--Recent Developments And Applications

Speakers: Camilla Brooks
                Bureau of the Census

                George Werking
                Bureau of Labor Statistics

Chairperson: Barbara Boyes, Assistant Commissioner
                Office of Survey Design, Bureau of Labor Statistics

Discussant: Walter Perkins
                Westat, Inc.

Controlled selection is a well-known technique used in probability sampling to increase the chance of selecting samples consisting of certain preferred combinations of sampling units, while maintaining prespecified probabilities of selection for individual units in the population.

The speakers will talk about some of the recent developments made in this technique. Particular emphasis will be placed on the role controlled selection played in the Current Population Survey redesign work that was carried out after the 1970 Census. Some of the problems associated with the use of controlled selection will be discussed.

When and Where: Thursday, December 4, 1975, 12:30 to 2:00 P.M.
                 Martin Luther King Library, 9th & G Sts.N.W. Room 315.

ECONOMICS PROGRAM

Topic: Training Under The GI Bill: Differences in Utilization And Effects

Speakers: Sue Ross, Center for Naval Analysis

                David O'Neill, Center for Naval Analysis

Chairperson: Jerome Mark, Bureau of Labor Statistics

Dr. Ross and Dr. O'Neill will describe a unique data set which they created by merging data from several sources and will present preliminary results of research using these data. The data are for two samples (35,000 observations each) of men discharged from military duty during FY 1969. One group of men has used G.I. Bill training benefits; the other has not. Information is available on each man's education level, Armed Forces Qualifying Test Score, race, pay grade at discharge, etc. from Armed Services records; on amount, kind, and dates of training from Veteran's Administration records; and on summary earnings from Social Security records. Analyses of differential usage of benefits by race, education and other variables have shown important differences which are not apparent in aggregate statistics. Interesting variations in earnings profiles among sub-groups of the veterans, which also have been found, will be discussed.

When and Where: Wednesday, December 10, 1975, 12:30 to 2:00 P.M.
                 Main Commerce - 14th Street between Constitution and E. Sts.
                 Commerce Auditorium, Basement Conference Room (Government
                 building pass or sign in with guard at the entrance for access.)

SPECIAL YEAR IN PROBABILITY AND STATISTICS

AT UNIVERSITY OF MARYLAND

Probability and Statistics will be the subject of the 1975-76 Special Year at the Department of Mathematics, University of Maryland. Many prominent workers in the field will offer special series of lectures at the Department. During the fall semester probability and mathematical statistics will be stressed, and during the spring, applied statistics, biostatistics and nonparametric methods will be emphasized. The fall speakers are: R.R. Bahadur, D. L. Burkholder, M. Kac, J. Keilson, L. Le Cam, N. U. Prabhu, R. Pyke, H. Rubin, J.T. Runnenburg, R.A. Wijsman and S. Zacks.

The following is the December lecture schedule:

Professor N. U. Prabhu, Operations Research & Industrial Engineering,
                        Cornell University

Monday,	December 1	FACTORIZATION PROBLEMS IN RANDOM WALKS
Wednesday,	December 3	FACTORIZATION FOR CONVOLUTION SEMIGROUPS
Friday,	December 5	FACTORIZATION FOR MARKOV SEMIGROUPS. EXTENSIONS AND DIRECTIONS FOR FUTURE RESEARCH.

4:10 p.m.
Room Y3205 (Math. Bldg.)

Coffee will be served prior to the seminars.

For future schedule and other information, contact Grace Yang, Department of Mathematics, (454-4884), University of Maryland, College Park, Maryland 20742.

<u>JOB OPENING</u>

<u>NATIONAL PLANNING ASSOCIATION</u>, Mid-Level Statistician

Desirable attributes include: BA or MA in statistics; two to five
years' experience; knowledge of: multivariate techniques, econometrics,
sample design, economic modeling, and programming, especially with
large data sets; and an interest in applied research in a pleasant,
hardworking, non-profit consulting group. Minorities are encouraged
to apply. Send resume with salary requirement (open to $22,000) to:
Henry Townsend, National Planning Association, 1666 Connecticut
Avenue, N.W., Washington, D.C. 20009.

<u>JOB APPLICANT</u>

Listed below is a brief description of the qualifications of an individual
submitting an application seeking employment. Any employer interested in
interviewing an 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
employee 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: Director, Office of Statistics
and Analysis, Research and Development, National Highway Traffic Safety
Administration, U.S. Department of Transportation, 400 Seventh Street,
S.W. Room 5125, Washington, D.C. 20590.

<u>Code Number</u>	<u>Applicant</u>
165-11-75	(1) MEd. Educational Administration, MS Statistics and Operations Research, PhD. Educational Systems Analysis; (2) Educational Planning Higher Education, Institutional Planning, Educational Policy Studies, Operations Research Multivariate Statistical Analysis; (3) 5 years University Teaching, 10 years Educational Research; (4) GS-14 or equivalent; (5) Government Research Firm, University or Industry.

Code:
  (1) Education
  (2) Fields of Competence
  (3) Years of Experience
  (4) Salary or GS Level Requirement
  (5) Type of Employment and Geographic Area