

# Washington Statistical Society

W.S.S. Newsletter—June 1981

## W.S.S.-Sponsored:

**Topic:** Subsequent Cancer Experience of Primary Breast Cancer Patients  
Diagnosed in Connecticut During the Period 1935-1973  
**Speaker:** Dr. Benjamin F. Hankey, National Cancer Institute  
**Date and Time:** Tuesday, June 9, 1981, 3:30 – 5:00 p.m.  
**Location:** Building 31, Room 4, A Wing, East Corridor, NIH Campus

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**Topic:** Workshop on Presentation of Papers  
**Speakers:** Jim Massey, NCHS; Kirk Wolter, Bureau of the Census; Dave Desjardins,  
Bureau of the Census; Beth Kilss, IRS; Chuck Cowan, Bureau of the Census;  
and Wesley Schaible, Bureau of Labor Statistics.  
**Date and Time:** Wednesday, June 10, 1981, 12:30 – 3:00 p.m.  
**Location:** IRS Auditorium, 1111 Constitution Avenue, N.W., 7th Floor.

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**Topic:** Statistical and Legal Aspects of Occupational Safety and Health  
**Speaker:** Dr. Jay H. Glasser, School of Public Health, University of Texas at Houston  
**Date and Time:** Tuesday, June 16, 1981, 12:30 – 2:00 p.m.  
**Location:** The IRS Auditorium (Room 7132), 1111 Constitution Avenue, N.W.

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**Topic:** Recent Applied Statistical and Related Quantitative Research at the  
United States Naval Academy  
**Speakers:** Jonathan D. Messinger, Kevin T. Moore, W. Charles Mylander, Robert L.  
Peck, Randall K. Spoeri, Robert L. Spooner, U.S. Naval Academy  
**Date and Time:** Tuesday, June 16, 1981, 12:30 – 2:00 p.m.  
**Location:** Room 3000B, Federal Building (Old Post Office Building), 12th and Pennsylv-  
ania Avenue, N.W., Washington, D.C.

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**Topic:** Some Applications of Probability Models to Biological Problems  
**Speaker:** Dr. Mitchell Gail, National Cancer Institute  
**Date and Time:** Tuesday, June 30, 1981, 12:30 – 2:00 p.m.  
**Location:** The George Washington University, Room 320, Building C, 2201 G Street, N.W.

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## Other Sponsors:

**Topic:** Statistics of Income—1976, Corporation Income Tax Returns  
**Sponsor:** Internal Revenue Service, Statistics Division  
**Speakers:** William T. Powell and Ray Samuelson  
**Date and Time:** Friday, June 26, 1981, 1:00 – 2:00 p.m.  
**Location:** 1201 E Street, N.W., Room 806B, Washington, D.C.

### ANNUAL DINNER (Reservation Required)

**Speaker:** Prof. Samuel W. Greenhouse, GWU      **Topic:** 40 Years in Washington in Government &  
**Time & Place:** Commissioned Officers' Club,      the University  
Washington Navy Yard, 9th & M, SE, Thurs, June 11—Cash Bar, 6-8 p.m.; Dinner, 7:30 p.m., Program  
(Guest Speaker's speech and Julius Shiskin Award), 8:30 p.m. Cost: \$11.00 per person (including tips).

DETAILED INFORMATION ON THE MEETINGS

- Topic:** Subsequent Cancer Experience of Primary Breast Cancer Patients Diagnosed in Connecticut During the Period 1935-1973
- Sponsor:** Public Health and Biostatistics Section
- Speaker:** Dr. Benjamin F. Hankey, National Cancer Institute
- Abstract:** The study of multiple primary tumors will be discussed utilizing data from the Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute. Studies of this type can provide some basis for determining the risks of various second cancers for patients with a first cancer of a specific site.
- Elevated risks of certain second tumors may relate to common etiology or some biological predisposition. Multiple primary studies can also provide some basis for quantifying the effects of treatment for the primary cancer which results in the increased risk of subsequent cancers. A study of the second cancer experience of women with a first primary breast cancer diagnosed in the State of Connecticut during the period 1935-73 will also be discussed.
- Topic:** Workshop on Presentation of Papers
- Abstract:** A workshop will be held on Wednesday, June 10, to discuss ways in which anyone planning to present a paper or a poster session at a conference or other meeting could make their presentations of greater interest to their audience. The tips and hints given will aid authors in preparing and giving more effective presentations of their material. The topics to be covered for oral presentations are: (1) Selection of material for presentation—Jim Massey, NCHS; (2) Verbal delivery—Kirk Wolter, Bureau of the Census; (3) Preparation and use of visual aids—Dave Desjardins, Bureau of the Census; (4) Preparation and use of handouts—Beth Kilss, IRS. For poster sessions, the emphasis will be on: (1) Display of material in three-sided booths; and (2) options for discussing the subject with the audience. Chuck Cowan, Bureau of the Census, and Wesley Schaible, Bureau of Labor Statistics, will lead the discussion on poster sessions.
- Topic:** Statistical and Legal Aspects of Occupational Safety and Health
- Sponsor:** Public Health and Biostatistics Section
- Chair:** Dr. Jack Moshman, Moshman Associates
- Speaker:** Dr. Jay H. Glasser, School of Public Health, University of Texas at Houston
- Discussant:** John M. Dawson, Lawstat, Inc.
- Abstract:** Health researchers have reported both causal and associated links between specific occupational exposures and worker's health status. Such evidence is used to buttress the case for regulation or legal remedies. Both the economic and health outcome consequences of occupational health problems are enormous. The topic is fraught with controversy. Jay Glasser and John Dawson discuss the statistics and legal aspects of the evidence establishing occupational health hazards.
- Topic:** Recent Applied Statistical and Related Quantitative Research at the United States Naval Academy
- Speakers:** Jonathan D. Messinger, Kevin T. Moore, W. Charles Mylander, Robert L. Peck, Randall K. Spoeri, Robert L. Spooner, U.S. Naval Academy.
- Chair:** Randall K. Spoeri, U.S. Naval Academy
- Abstract:** As part of the operations research curriculum at the U.S. Naval Academy at Annapolis, "real world" research projects are undertaken by selected midshipmen in their senior year, under the direction of faculty members. Research typically concerns tactical military, Naval Academy or civilian problems and ultimately involves the application of statistical and related quantitative methodologies in the solution of the problems. The speakers will provide an overview of this program of applied research and will describe a number of recently completed studies, focusing on the statistical aspects of the solutions. Ample time will be allowed for audience/speaker discussion of the projects and suggestions for future research.
- Topic:** Some Applications of Probability Models to Biological Problems
- Speaker:** Dr. Mitchell Gail, National Cancer Institute
- Abstract:** Tissue culture contamination can be determined by looking for common allozyme "signatures" corresponding to a single contaminating cell line. The probability that randomly selected cell lines have two or more common "signatures" is an application of the generalized birthday problem with unequal probabilities. This problem and one or two other probability applications will be presented.
- Topic:** Statistics of Income—1976, Corporation Income Tax Returns
- Sponsor:** Internal Revenue Service, Statistics Division
- Speakers:** William T. Powell and Ray Samuelson
- Abstract:** Mr. Powell and Mr. Samuelson of the Statistics Division will describe the format of the published report (Statistics of Income—1976, Corporation Income Tax Returns) as well as changes in law that affected the data in comparison with prior years. Interested persons are invited to attend. Data extracts from this report may be obtained by contacting William T Powell or Ray Samuelson on 376-0170.

## EMPLOYMENT COLUMN

**Deadline for inserting notices is the 10th of the month preceding the publication date**

**Send notices and requests to:**  
**Evelyn R. Kay**  
**National Center for Education Statistics**  
**400 Maryland Avenue, SW**  
**Washington, DC 20202 301/436-6791**

### Job Openings

**Statistician (Health)**      The National Institute of Neurological and Communicative Disorders and Stroke, one of the  
**GS-1530-9/11/12**      National Institutes of Health, is interested in applicants for future possible positions. Knowledge of programming and the use of statistical packages is required. Interest in survey research is helpful.  
Send SF 171 to Dr. Frederic Weinfeld, NIH, Federal Building, Bethesda, MD 20205.

**Mathematical**      A large federal agency is recruiting for a senior level position in mathematical statistics located in  
**Statistician**      Washington, D.C. The incumbent will participate in the development of statistical systems for a broad area of agency operations. Activities include the design of sampling plans, estimation procedures and measures of precision. Professionals with graduate training in mathematical statistics, extensive experience in sampling experimental design and methods of statistical estimation are invited to apply. Starting salary of \$25,733 and up depending on qualifications and experience. To apply, forward resume with salary history to: Mrs. Peg Watson, 475 L'Enfant Plaza West, S.W., Room 1727, Washington, D.C. 20260.

### Job Applicants

Listed below are brief descriptions of the qualifications of applicants seeking employment. Employers interested in interviewing any applicants should notify Mrs. Kay of their interest by CODE NUMBER. The request 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 applicant. All contacts will be confidential.

#### CODE NUMBER 05-06-81:

Survey researcher desires challenging position in government, an association, or a company (GS-15 or equivalent). Presently manager of an agency central information management and survey research department. Extensive experience in all facets of survey research including study conceptualization and design, questionnaire design, scientific sampling, interview methods, quality control, computer processing, and multivariate analysis.

#### CODE NUMBER 06-07-81:

**Position:**      Statistician/Economist/Econometrician, \$35,000 in Government or Private  
**Experience:**      Years of experience in the areas of environment, energy, agriculture and health. Expertise in statistics include: survey research, multivariate analysis, statistical inference, regression analysis, nonparametric methods, sampling, design of experiments, time-series, bayesian analysis, modeling, simulation, operations research and large-scale data base development and data analysis. Skills in economics include: regulatory impact analysis, cost-benefit analysis, econometric modeling, supply-demand analysis, macro and micro economics and forecasting. Familiar with FORTRAN, SAS, SPSS, MPSX and APL.  
**Education:**      Ph.D. in Statistics and Economics (joint majors), Iowa State University.

#### CODE NUMBER R04-05-81:

**Position:**      Mathematical Statistician, \$30,000  
**Experience:**      More than 10 years experience in the private and public sectors in the areas of transportation, energy, and housing. Both my education and work experience have given me expertise in the following methodological techniques: sampling, statistical inference and estimation procedures, questionnaire design, analysis of variance, regression analysis, discriminant analysis, analysis of log-linear data, probit analysis, and logit analysis, and other types of multi-variate analysis techniques and in the use of Non-Parametric tests. I have also had experience using FORTRAN, APL and SPSS. I'm also familiar with SAS and BMDP.  
**Education:**      M.Sc. in Mathematical Statistics, McGill University, B.Sc. in Mathematics, McGill University.

INTERNATIONAL MEETING ON ANALYSIS OF SAMPLE SURVEY  
DATA AND SEQUENTIAL ANALYSIS

Call for Papers

An international statistics meeting will be held at the Hebrew University of Jerusalem, June 14-18, 1982. It is organized by the Isreal Statistical Association, and co-sponsored by the Israeli Academy of Sciences and Humanities, by the Hebrew University and by the International Association of Survey Statisticians. The meeting will be devoted to two main subjects:

1. *Analysis of Sample Survey Data*—including theoretical foundations and methods of analysis of data from sample surveys and their application and the design of analytical surveys;
2. *Sequential Analysis*—including optimality of sequential procedures in estimation and testing, applications of sequential procedures and theory of stopping rules.

Titles or short abstracts of papers proposed for presentation and requests for further information should be sent to: J. Yahav or G. Nathan, Department of Statistics, Hebrew University, Jerusalem, Israel, 91904.

ANNUAL DINNER MEETING

**Speaker:** Prof. Samuel W. Greenhouse, Department of Statistics, George Washington University  
**Topic:** 40 Years in Washington in Government and the University  
**Date and Time:** Thursday, June 11, 1981, Cocktails (Cash Bar): 6:00-8:00 p.m.; Buffet Dinner: 7:30 p.m.; Program (Guest Speaker's Speech and Presentation of Julius Shiskin Award): 8:30 p.m.  
**Location:** Commissioned Officer's Club, Washington Navy Yard Gates at 9th & M Streets, S.E., Building 101, Wash., D.C.  
**Cost:** \$11.00 per person (including tips, etc.)  
**Buffet Menu:** Roast Beef, Fried Chicken, Baked Lasagne, Salad, Vegetable, etc.

Please make checks payable to the Washington Statistical Society and mail to: Charles Roberts (work tel.: 357-1678) before June 4, 1981 at:  
4501 Cheltenham Drive, Bethesda, MD 20014

Print Name(s) for Name Tag(s) \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Number of Persons: \_\_\_\_\_

Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION

(mailed 5/29/81)



AMERICAN STATISTICAL ASSOCIATION

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