

# Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION

WSS Newsletter – May 1982

WSS Open Board Meeting  
Tuesday, May 4, 1982, 12:30–2:00 P.M. in Room 3000, at 400 Maryland Ave., SW

## Calendar

### WSS-Sponsored:

**Topic:** Nonparametric Inference for Stochastic Processes  
**Speaker:** Prof. Charles Bell, Univ. of Washington, Visiting at San Diego State  
**Date and Time:** Monday, May 10, 1982, 12:30–2:00 P.M.  
**Location:** George Washington University, Bldg. C, 2201 G St., NW, Rm. 309, Washington, D.C.  
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**Topic:** Some Hazards in Analyzing Data Using Linear Models  
**Speaker:** Dr. Douglas Montgomery, Georgia Institute of Technology  
**Date and Time:** Monday, May 17, 1982, 12:30–1:30 P.M.  
**Location:** The George Washington University, Corcoran Hall, Room 101, 725 21st Street, NW (between G&H), Washington, D.C.  
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**Topic:** County-Level Crop Area Estimates From Landsat: Evaluation of the Battese-Fuller Estimator  
**Speaker:** Gail Walker, ASA Fellow, Statistical Reporting Service, U.S. Department of Agriculture and Colby College  
**Date and Time:** Thursday, May 20, 1982, 12:30–2:00 P.M.  
**Location:** Forrestal Building, 1000 Independence Ave., SW, Room GJ-015, Washington, D.C.  
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**Topic:** The Effect of Department of Energy Regulations on Petroleum Product Prices  
**Speaker:** Howard W. Pieffer, Ph.D., Putnam, Hayes and Bartlett, Cambridge, Massachusetts  
**Date and Time:** Thursday, May 20, 1982, 12:30–2:00 P.M.  
**Location:** Federal Building, 12th Street and Penn. Avenue, NW, Room 3000-A, Washington, D.C.  
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**Topic:** Practical Aspects of Fishery Management Modeling  
**Speaker:** Frederick C. Johnson, Ph.D., National Bureau of Standards, U.S. Dept. of Commerce  
**Date and Time:** Thursday, May 27, 1982, 12:30–2:00 P.M.  
**Location:** Federal Building, 12th and Pennsylvania Ave., NW, Room 3000-A, Washington, D.C.  
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### NATIONAL CENTER FOR HEALTH STATISTICS SEMINAR

May 12, 1982–1:30 P.M.–2:30 P.M.

Center Building, Room 7-32, 3700 East-West Highway, Hyattsville, Maryland

**Topic:** Sampling Methods for Random Digit Dialing Telephone Surveys: Theory and Practice  
**Speaker:** Joseph Waksberg, Vice President, WESTAT

For Further Information – Call (301) 436-7111

### ANNUAL DINNER MEETING

**Speaker:** Dr. Jerry L. Jordan, Council of Economic Advisors  
**Date and Time:** Wednesday, June 16, 1982–Cocktails (Cash Bar - 6–8 P.M.) – Dinner - 7:30 P.M. Program (Guest Speaker's Speech and Presentation of Shiskin Award)–8:30 P.M.  
**Location:** Fort McNair Officers' Club, Entrance on P Street between 3rd and 4th Sts., SW (Building No. 60)

**Cost:** \$12:00 per person (including tips)

**Menu:** Mellon Ball Cocktail, Veal Cordon Bleu and etc.

Please make checks payable to Washington Statistical Society and mail to Charles Roberts, 4501 Cheltenham Drive, Bethesda, MD 20814 (Tel: 357-1678 work) before June 8, 1982

Print name(s) for Name Tag(s)

Address \_\_\_\_\_

Telephone No. \_\_\_\_\_

No. of Persons \_\_\_\_\_

DETAILED INFORMATION ON THE MEETING

Topic: Nonparametric Inference for Stochastic Processes
Chair: Prof. Joseph Gastwirth, GWU
Abstract: A variety of physical phenomena are approximated by modified Wiener Processes. A basic assumption for a Wiener Process is the Gausman assumption along with that of stationary independent increments.

Sponsors: WSS and the George Washington University Institute for Reliability and Risk Analysis
Topic: Some Hazards in Analyzing Data Using Linear Models
Chair: Seymour Selig, Office of Naval Research
Abstract: Linear models, including analysis of variance and regression, are widely used for data analysis in engineering and physical sciences.

Topic: County-Level Crop Area Estimates from Landsat: Evaluation of the Battese-Fuller Estimator
Chair: Wesley Schaible, Office of Survey Design, Bureau of Labor Statistics
Discussant: Steve Woodruff, Office of Survey Design, Bureau of Labor Statistics
Abstract: In a 1981 paper Battese and Fuller proposed a nested error regression model for small area (county) crop estimation using survey and satellite data.

Topic: The Effect of Department of Energy Regulations on Petroleum Product Prices
Chair: John Todd, Energy Information Administration, Department of Energy
Discussant: Douglas A. Samuelson, Federal Aviation Administration
Abstract: Dr. Pieffer will explore the use of mathematical programming systems to project impacts of alternative regulatory strategies and mechanisms.

Topic: Practical Aspects of Fishery Management Modeling
Chair: Dharendra Ghosh, Statistical Consultant
Discussant: Chapman P. Gleason, Statistical Reporting Service, U.S. Department of Agriculture
Abstract: The Pacific Coast salmon fisheries are considered to be the most sophisticated fishery system in the world. In spite of a great deal of theoretical work, the practical problems associated with the management of these fisheries require a level of detail far exceeding a general theoretical framework for optimal resource utilization.

ANNUAL OPEN MEETING (Tuesday, May 4, 1982)
The May meeting of the Washington Statistical Society Board of Directors will be the annual "open" meeting in which any member of the Society is invited to express their views to the Board. Of particular interest at this year's meeting would be any suggestions concerning membership activities for WSS. Another topic suggested for discussion is whether WSS should take a stand concerning recent changes in the amount of government funding for statistics. The meeting will be held at 12:30 P.M. in Room 3000 of 400 Maryland Avenue, S.W.
CHANGE IN INFORMTION NUMBER
For information about the Washington Statistical Society, call Rich Allen at 447-4557.

## EMPLOYMENT COLUMN – JOB APPLICANT

List below is a brief description of the qualifications of an applicant seeking employment. Employers interested in interviewing this applicant 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:** 05-08-82

**Position:** Biostatistician, Biomedical research in private research and consulting firm in Washington metropolitan area.

**Education:** PhD in statistics, Florida State U, 1970; MS from U of Chicago and U of Baroda, India

**Experience:** 8 years of experience in research and consulting along with management of NCI/NPT carcinogenesis In vivo and In vitro bioassays data systems. 3 years of statistical research experience in biomedical health sciences at NIEHS and 4 years teaching and research in statistics theory. Major technical expertise is in multivariate nonparametric analysis.

**Visa status:** Permanent resident



## EMPLOYMENT COLUMN – JOB OPENING

A professional services firm has multiple openings at varying levels. Applicants for Statistical Analyst should have a Ph.D. with 0-3 years experience and the ability to apply and develop statistical methodology and theory to a broad range of environmental and health problems. Good verbal and writing skills are required, and the knowledge and ability to program is helpful. Applicants for Analyst should have a BS degree with 0-5 years experience, and training/experience in statistics, computer science, econometrics or operations research. This position requires writing skills and ability to program.

Qualified applicants should send resume including employment history and salary requirements to Mr. Pat Flanagan, Director of Personnel, JRB Associates, 8400 Westpark Drive, McLean, Virginia 22102.

## EMPLOYMENT COLUMN

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

Send notices and requests to:  
Evelyn R. Kay, 905 Presidential  
National Center for Education Statistics  
400 Maryland Avenue, SW  
Washington, DC 20202 (301) 436-6791

### NATIONAL CENTER FOR HEALTH STATISTICS SEMINAR

May 12, 1982 – 1:30 P.M. – 2:30 P.M.

Center Building, Room 7-32, 3700 East-West Highway  
Hyattsville, Maryland

**Topic:** Sampling Methods for Random Digit Dialing Telephone Surveys: Theory and Practice

Mr. Waksberg will discuss the sampling methods for RDD surveys developed in his 1978 JASA paper, and indicate the conditions for important gains in efficiency. Problems in implementing the procedure and practical experiences will be described, as well as potentials for using the method in screening for rare populations.

**Speaker:** Joseph Waksberg, Vice President, WESTAT

For Further Information, Call (301) 436-7111

Please address correspondence to the SECRETARY — Rich Allen — P.O. Box 2350, Washington, D.C. 20024 (447-4896)

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(mailed 4/27/82)



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