

# Washington Statistical Society

CHAPTER • AMERICAN STATISTICAL ASSOCIATION



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## NEWSLETTER-OCTOBER 1976

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| October 13 - IACP Uniform Crime Report Audit:<br>Sampling Methods and Some Audit Results |
| October 14 - Illegal Aliens - How to Count Them  |
| October 29 - An Argument in Favor of Twelve-Member Juries                                |

### METHODOLOGY PROGRAM

**Topic:** IACP Uniform Crime Report Audit: Sampling Methods and Some Audit Results

**Speakers:** Donna F. Brown, International Association of Chiefs of Police  
David W. Chapman, WESTAT, Inc.

**Discussant:** Paul Sylvestre, Law Enforcement Assistance Administration

**Chairperson:** George Hall, Office of Management and Budget

In 1974, the International Association of Chiefs of Police (IACP) developed audit procedures to validate the accuracy of the crime statistics compiled from the Uniform Crime Reports submitted by police departments across the nation. Dr. Brown will provide some background information for the audits and will discuss some of the results of the audits carried out in 1975 and 1976. Dr. Chapman will discuss the sampling procedures used in the audits.

**When and Where:** Wednesday, October 13, 12:30 - 2:00 p.m., Room 4833, Commerce Bldg., 14th and Constitution Ave. Enter building on 14th St. side; bring a copy of this newsletter to insure admittance.

## SOCIAL AND DEMOGRAPHIC STATISTICS PROGRAM

Topic: Illegal Aliens - How to Count Them

PANEL-Moderator: Doris M. Meissner, Executive Director  
Domestic Council Committee on Illegal Aliens

Members: Barry Chiswick, Economist  
Council of Economic Advisors  
Edward Guss, Director, Office of Planning and Education  
Immigration and Naturalization Service  
Victor Vazquez, Director, Office of Spanish-Surnamed  
Americans, HEW

Discussant: David North, Director, Center for Migration Studies,  
New Transcentury Foundation

Apprehension of illegal aliens in 1975 nearly doubled the annual number of immigrants allowed by law. Most experts agree large numbers escape apprehension and settle permanently in the U.S. The implications of this phenomenon to society are difficult to assess because the data and objective information available are very sketchy. The difficulties and possibilities of developing methods to count and learn about this clandestine population is the subject of this discussion.

When and Where: Thursday, October 14, 12:30 - 2:00 p.m., George S. Boutwell Auditorium, 7th Floor, IRS Bldg., 1111 Constitution Ave., N.W. (Please use Constitution Avenue entrance)

## PHYSICAL SCIENCE AND ENGINEERING PROGRAM

Topic: An Argument in Favor of Twelve-Member Juries

Chairman: Sidney H. Brounstein, Vice-President, Institute for Law and Social Research, Washington, D.C.

Speaker: Professor Herbert Solomon, Department of Statistics, Stanford University

Arguments in favor of a twelve-member jury or a six-member jury are a favorable pastime these days. Building on a model developed by Poisson in the early 19th Century, it is shown that the twelve-member juries are preferable because errors in jury decisions by six-member juries are increased by more than 50 percent. The Poisson model is modified by including a social decision scheme which takes jurors from initial ballot to verdict, and this includes the development of a first ballot distribution model.

This session will be of interest to statisticians and also to those interested in the legal sciences and group psychology.

When and Where: Friday, October 29, 12:30 - 2:00 p.m., Martin Luther King Library, 9th and G Sts., N.W. Main Auditorium.

## EMPLOYMENT COLUMN

Note to job applicants and to employers with job openings: The WSS Newsletter goes to press the 15th of the month preceding the publication month. To avoid delay in getting your notices printed, please mail or telephone your employment requests to me by the 12th of the month.

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## JOB OPENINGS

Statistician (Health and Medicine) GS-13  
Biometrics Division, Controller's Office  
Veterans Administration

Applicant should have experience in analyzing health and hospitalization data. Position has potential for growth. Responsibilities

involve supervision of statistical staff and considerable day-to-day contact with physicians. For further information, contact Louis Mesard at 202/389-3458.

Economist GS 14/15  
Statistical Indicators Division  
Bureau of Economic Analysis  
Department of Commerce

This position involves directing research work on indicators of current business conditions. This individual will serve as the leader of a project to develop and analyze business cycle indicators and will

supervise other professional economists and statisticians. Applicant should have an excellent academic background in economics and statistics, good writing ability, and experience in economic time series analysis, preferably the type of analysis practiced by the National Bureau of Economic Research. An advanced degree in economics, preferably a PhD, is desirable.

Persons interested in the above position should contact the Personnel Representative, Bureau of Economic Analysis, Department of Commerce, Room 707, 1401 K Street, NW, Washington, D.C. 20230.

Biostatistician c. \$19,000  
Biostatistics Center  
George Washington University

This position involves work half time on a case-control study and half time on one or two collaborative clinical trials for which the Biostatistics Center serves as the data coordinating center. For further information,

contact Dean E. Krueger, Research Professor at 301/657-9370.