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# Washington Statistical Society

CHAPTER-AMERICAN STATISTICAL ASSOCIATION

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## NEWSLETTER

April 1953

World Outlook on Population and Food

April 20, 1953

A session has been arranged on the world outlook on population and food supply, under the chairmanship of Mr. B. R. Stauber, Bureau of Agricultural Economics. Speakers and their subjects will be:

- Irene Taeuber - Institute of Population Research - "Population Prospects and Economic Problems in the Orient with Special Reference to Japan"
- Louis H. Bean - Bureau of Agricultural Economics - "Industrialization and Food Consumption"
- John H. Richter - Foreign Agricultural Service, U. S. Dept. of Agriculture - "Population and Food Supply on a World Basis"

The meeting will be held at 8 P.M., Monday, April 20, in Room 102, Hall of Government, George Washington University, 21st and G Streets, N.W.

## ANNUAL MEETING

"New Applications of Statistical Methods to the Census" will be discussed by Census staff at the next meeting, on May 11, when the annual business meeting and elections will also be held. Members of the nominating committee are: Ezra Glaser, Bureau of the Budget, chairman; Dorothy Brady, BLS; Jerry Cornfield, PHS; Louis Ducoff, BAE; and Ken Williams, FRB.

INSTITUTE OF MATHEMATICAL STATISTICS

The fifty-fifth meeting and the third regional South Eastern Meeting of the Institute of Mathematical Statistics will be held at the Graduate School, United States Department of Agriculture on April 29-30, May 1, 1953. All sessions except those for contributed papers are joint with the Biometric Society (Eastern North American Region). Included in the program will be papers on:

Morning, April 29 - Statistics in the Physical Sciences

1. The Applications of Multivariate Quality Control in the Photographic Industry
2. Control and Measurement of Experimental Error

Morning, April 30 - Statistics in the Biological Sciences

1. Factorial Chi-Square Analysis of Data from Immunological Experiments
2. Applications of Non-Parametric Methods to Medical Data
3. Stochastic Growth and Mutation Processes
4. A Statistical Design for the Efficient Removal of Trends Occurring in a Comparative Experiment with an Application in Biological Assay

Afternoon, April 30 - Sequential Procedures

1. Sequential Procedures in Component-of-Variance Problems
2. Sequential Estimation

Afternoon, May 1 - Sampling

1. On Sampling for Time Series
2. Response Rates and Selectivity in Mail Surveys

Afternoon, May 1 - Simultaneous Confidence Interval Estimation and Testing of Hypotheses

1. The General Theory and Application to Analysis of Variance and Covariance
2. Applications to Multivariate Situations

For further information, contact the Graduate School, U. S. Department of Agriculture, REpublic 7-4142, (code 161), extension 6337.

Margaret Martin  
Secretary-Treasurer

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## SPECIAL ANNOUNCEMENT

### A Series of Six Sessions on Interindustry Economics

Interindustry Economics has recently received considerable attention as a technique for determining industrial impact of mobilization programs. The Washington Statistical Society devoted a session to this subject last Fall. At that time, however, only a very brief statement of the technique itself was offered. A series of lectures is now being announced which describes the technique and critically discusses its possibilities.

Six sessions on the technique of Interindustry Economics are being presented as a unit. In general, each speaker will assume that the audience has heard the earlier presentations. A discussion period will be included in each session.

The speakers on this program are from organizations participating in research in Interindustry Economics. Both the theoretical and practical advantages and problems will be presented as they have become evident from actual attempts to use the technique.

ALL SESSIONS WILL BE HELD ON MONDAY EVENINGS AT 8:00 PM AT THE HALL OF GOVERNMENT OF GEORGE WASHINGTON UNIVERSITY, 21st AND G STREETS, NW. THE FIRST SESSION WILL BE IN ROOM 102; THE REMAINDER WILL BE IN ROOM 303.

Margaret Martin  
Secretary-Treasurer

### PROGRAM

Chairman for the Series: Mr. Morris Hansen, Bureau of the Census.

1. May 4, 1953: The kinds of problems being considered; the construction of a logical system; assumptions behind the method; kinds of data needed.

Mr. W. Duane Evans, Bureau of Labor Statistics  
Mr. Frederick T. Moore, Bureau of Mines

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2. May 18, 1953: Formal properties of a model; equilibrium model; formal structure and simple applications.

Mr. Ezra Glaser, Bureau of the Budget  
Mr. James W. Petersen, Bureau of Mines

3. May 25, 1953: Introducing flexibility through the specific introduction of a time dimension; capital activities; etc.; assumptions; data required.

Mr. H. Burke Horton, Department of the Air Force  
Mr. George Suzuki, Department of the Air Force

4. June 1, 1953: Systematic presentation of problems of obtaining and organizing data.

Mr. Sidney A. Jaffe, Bureau of Labor Statistics  
Mr. Robert N. Grosse, Bureau of the Budget

5. June 15, 1953: Results of early experiments with the technique; problems encountered in applications, and in appraising results.

Mr. Jack Alterman, Bureau of Labor Statistics  
Mr. Sidney S. Netreba, Bureau of Labor Statistics  
Mr. Morris R. Goldman, Bureau of Labor Statistics

6. June 22, 1953: Critical appraisal of the technique.

Mr. Marshall K. Wood, Department of the Air Force  
Mr. Harold J. Barnett, The RAND Corporation  
Mr. Philip M. Ritz, Bureau of Labor Statistics