

**PROGRAM OF  
ANNUAL MEETINGS  
- 1950 -**

*American Economic Association  
American Finance Association  
American Marketing Association  
American Statistical Association  
The Econometric Society  
Industrial Relations Research Association  
Institute of Mathematical Statistics  
American Association of University  
Teachers of Insurance  
Biometric Society  
Catholic Economic Association*

● Holding joint meetings with

*American Farm Economic Association  
American Psychological Association  
American Public Health Association  
American Society for Quality Control  
Association of American Law Schools  
Association for Computing Machines  
Economic History Association  
Population Association of America  
Psychometric Society*

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## GENERAL INFORMATION

For the first time in several years a fully joint program containing the schedule of meetings for all Allied Social Science Associations meeting in Chicago this year has been prepared.

It was felt by the participating associations that it would be advantageous or attending members have all meetings shown in a single program. In order to accomplish this it has been necessary to list in the body of the program only the regularly scheduled meetings of the joining organizations. Events of special interest to particular groups have been listed separately on pages 7-9. Also, for purposes of simplification, associations participating in joint sessions are designated by abbreviation. The key to these abbreviations will be found on page 10.

Meetings are scheduled from Wednesday, December 27, through Saturday, December 30. Headquarters of the American Economic Association, American Finance Association, Econometric Society, and the Catholic Economic Association are at the Palmer House. Headquarters for the American Marketing Association, American Statistical Association, Institute of Mathematical Statistics and Biometric Society are at the Congress Hotel. The Industrial Relations Research Association is headquartered at the La Salle Hotel, and the American Association of University Teachers of Insurance at the University Club.

### Registration

The fee charged for registration by all participating associations is \$1.00, except for the American Marketing Association, in which case the fee is \$4.00. Registration entitles members to attend sessions sponsored by all participating associations. Full-time students are invited to attend meetings free of charge but are requested to register at the students' registration desk.

The registration and information desks for associations meeting at the Palmer House are on the fourth floor. They will be open from 5:00 P.M. to 10:00 P.M. on Tuesday, December 26, 8:00 A.M. to 8:00 P.M. on Wednesday, and 9:00 A.M. to 5:00 P.M. on Thursday and Friday. The information desk will be open Saturday morning.

Members of associations meeting at the Congress Hotel will register on the 1st floor, Casino Foyer. The registration and information desks will be open from 5:00 P.M. to 10:00 P.M. on Tuesday, December 26 and from 8:30 A.M. to 8:30 P.M. on Wednesday, Thursday, and Friday.

Registration at the La Salle Hotel will be on the 19th floor, and at the University Club on the 7th floor. Members may register at the La Salle from 9:00 A.M. to 5:00 P.M. on Thursday and Friday, December 28 and 29. The University Club registration desk will be open from 9:00 A.M. to 5:00 P.M. on Wednesday and Thursday, December 27 and 28.

Information concerning registrants, meetings, and other matters may be obtained at the information booths or at the various registration desks.

### *The Employment Desk*

Employment desks have been set up on the fourth floor of the Palmer House and Parlor G at the Congress Hotel. These are for the use of persons seeking personnel or positions in economics, statistics, or related fields. Application blanks and vacancy forms will be available at these desks. Lists of vacancies and of applicants will be made available to prospective employers and employees. Employment conference rooms also will be provided for interviewing purposes.

### *Book Exhibits and Advertisements*

At the Palmer House book publishers' exhibits are located in the Foyer of the Grand Ballroom on the 4th floor. At the Congress Hotel exhibits of publishers and related firms are in the Casino Room.

Lists of exhibitors and of advertisers in the program appear in the final section.

### *Press Room*

A room for representatives of the press has been provided in each of the hotels. At the Palmer House the room is number 16 on the fourth floor, directly adjacent to convention headquarters. At the Congress it is Parlor G.

Summaries of papers and the manuscripts should be taken directly to these rooms. All such manuscripts and summaries should be properly identified as to time and title of session, name of author, etc. These materials may be delivered to Mr. Charles G. Wright or Mr. Dan Nicholson at the Palmer House, in lieu of direct delivery to the press room. At the Congress, materials may be delivered to Mr. De Ver Sholes.

Since most meeting rooms must be used for successive sessions during the day, Chairmen are respectfully requested to close meetings on schedule.

### *Special Events*

Listed below are a number of meetings which are of interest to particular groups but are not included in the body of the program. The list is not necessarily complete. It contains all such events made known to the Local Arrangements Committee. Consult the information desks or committee headquarters for further details.

### TUESDAY, DECEMBER 26

Luncheon Meeting of the Executive Committee of the American Economic Association, Palmer House, Room 9, 12:00 Noon.

### BREAKFASTS

#### Thursday, December 28

Economists National Committee on Monetary Policy,

Palmer House, Room 3, 8:00 A.M.

American College of Life Underwriters,

Palmer House, Room 9, 8:00 A.M.

De Paul University Alumni and Representatives,

Palmer House, Room 5, 8:00 A.M.

Friday, December 29

Duke University Alumni and Representatives,  
Palmer House, Room 5, 8:00 A.M.

Economic History Association,  
Palmer House, Room 2, 8:00 A.M.

International Institute of Public Finance,  
Palmer House, Room 7, 8:00 A.M.

Ohio State University Alumni and Representatives,  
Landers Restaurant, 134 South Wabash, 8:15 A.M.

### DINNER

Wednesday, December 27

Ira B. Cross testimonial dinner, Chicago Bar Association,  
29 South La Salle Street, 6:00 P.M.

### TOURS

Wednesday, December 27, 10:00 A.M.

American Finance Association:

First National Bank of Chicago, 33 South Clark Street.  
Participants will meet at the information desk, first floor.

Thursday, December 28, 10:00 A.M.

American Finance Association:

Composite trip to Stock Exchange and brokerage houses.  
Participants meet at visitors' balcony, Midwest Stock Exchange, 120 South  
La Salle Street. Includes luncheon.

Federal Reserve Bank of Chicago. Meeting place, Chairman's room, fifth  
floor, 230 South La Salle Street. Includes luncheon. This tour limited to  
20 persons.

Thursday, December 28, 2:15 P.M.

American Finance Association:

Household Finance Corporation, 919 North Michigan Avenue. Group  
assembles in Room 2800.

Friday, December 29, 9:00 A.M.

American Finance Association:

Chicago Board of Trade, 141 West Jackson Boulevard. Group meets in  
Directors Room, 5th floor.

Friday, December 29, 8:00 A.M.

American Marketing Association (Each tour is limited to 50 persons.)

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## ACTIVITIES FOR WIVES AND FRIENDS OF ATTENDING DELEGATES

The Chicago Chapter of the American Statistical Association has arranged  
the following activities. Further information can be obtained at the information  
desk, Casino Foyer, Congress Hotel.

Wednesday, December 27

\*10-10:30 A.M. — "Ladies Fair" (audience participation radio show).  
WGN Theater. Free.

2:15 P.M. — Matinee party, Alfred Lunt and Lynn Fontanne is  
their new play, "I Know My Love." Selwyn Theater.  
\$1.75 and \$2.50, tax included.

Thursday, December 28

\*8-9:00 A.M. — "Don McNeil's Breakfast Club" (audience participa-  
tion radio show). WLS Theater, Civic Opera Building.  
Free.

\*10-10:30 A.M. — "Ladies Fair" (audience participation radio show).  
WGN Theater. Free.

10-12:00 Noon — Sight-seeing tour by chartered busses along Chicago's  
beautiful lake shore to Northwestern University, Bahai  
Temple, and return. \$1.75, tax included.

2:30-4:30 P.M. — Tour of Marshall Field and Company store, including  
a tea and live fashion show in the Wedgewood Room.  
\$1.00, tax included.

10:00 P.M. — Following the American Statistical Association banquet,  
a tour to the famous Chez Paree night club for danc-  
ing, a light supper, and floor show. \$7.50, tax included.

Friday, December 29

\*8-9:00 A.M. — "Don McNeil's Breakfast Club" (same as above)

\*10-10:30 A.M. — "Ladies Fair" (same as above)

10:00 A.M.-2:00 P.M. Tour by chartered busses along the south lake shore  
to the University of Chicago and the Museum of Sci-  
ence and Industry with luncheon (pay your own mod-  
erate bill) at International House cafeteria and return.  
\$1.50, tax included.

\*10-10:30 P.M. — Jim Moran Variety Show (T.V. audience participation  
show). ABC Theater, Civic Opera Building. Free.

\*Visitors to these shows must be in their seats at least one-half hour before the  
scheduled starting times shown.

### Key to Abbreviations

Names of associations meeting in joint sessions are indicated as follows in the official program:

- A.E.A. — American Economic Association
- A.F.A. — American Finance Association
- A.M.A. — American Marketing Association
- A.S.A. — American Statistical Association
- E.S. — Econometric Society
- I.M.S. — Institute of Mathematical Statistics
- I.R.R.A. — Industrial Relations Research Association
- A.A.U.T.I. — American Association of University Teachers of Insurance
- B.S. (ENAR) — Biometrics Society, East North American Region
- C.E.A. — Catholic Economic Association

- A.F.E.A. — American Farm Economics Association
- A.P.A. — American Psychological Association
- A.P.H.A. — American Public Health Association
- A.S.Q.C. (C.S.) — American Society for Quality Control (Chicago Section)
- P.A.A. — Population Association of America
- A.C.M. — Association for Computing Machinery
- A.A.L.S. — Association of American Law Schools

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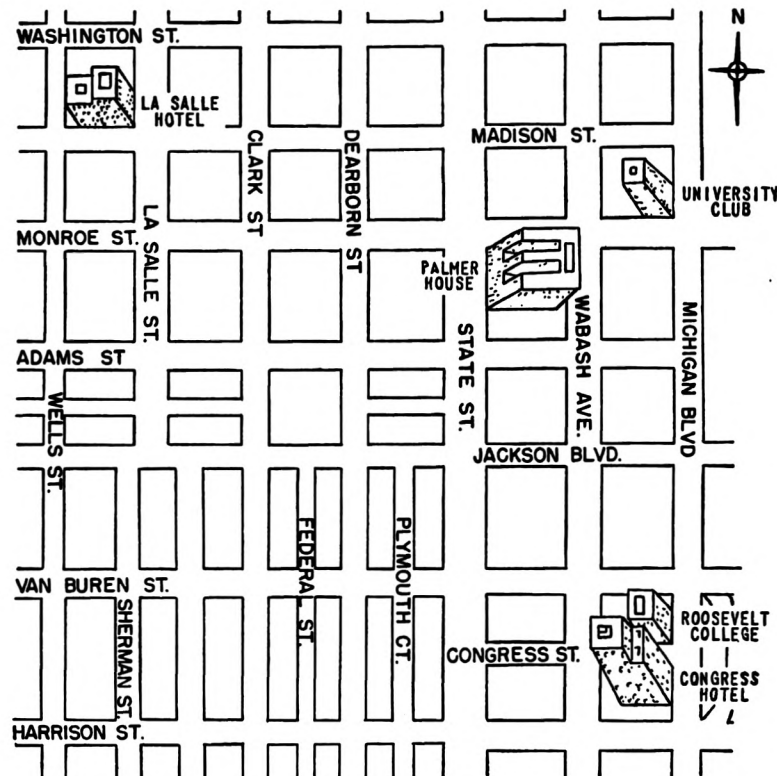
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WEDNESDAY

### Meeting Places

- Palmer House — *State and Monroe Streets*
- Congress Hotel — *520 South Michigan Avenue*
- La Salle Hotel — *La Salle and West Madison Streets*
- Roosevelt College — *431 South Wabash Avenue*
- University Club — *76 East Monroe Street*

Consult pages 7, 8 and 9 for list of breakfasts, luncheons, tours, and other special events which are not included in the official program.

## SUMMARY OF WEDNESDAY MEETINGS

9:30 A.M.	The Role and Interests of the Consumer (AEA)	Economic Theory, Statistics, and Economic Practice (AEA, ASA, ES)
	Institutional Economics (AEA)	Capital and Interest (AEA)
	Changes in National Transportation Policy (AEA)	The Housing Problem: I. The Current Situation (AEA, ASA)
10:00 A.M.	Insurance Investments (AFA, ASA, AAUTI)	2:30 P.M.
	Mid-Century Appraisal of the Measurement of Employment and Unemployment (ASA)	Monetary Problems (CEA)
	Recent Population Changes (ASA)	4:30 P.M.
	Educational Test Theory (ASA)	Business Meeting (CEA)
	Statistical Problems in Radio-Biology (ASA, IMS)	4:00 P.M.
	Short Contributed Papers—I (IMS)	Multivariate Analysis (IMS, ASA, ES)
	Short Contributed Papers—II (IMS)	Precision of Measurements (ASA, IMS)
	Contributed Papers (ES)	Mid-Century Review and Outlook for Price Information (ASA)
	History of Mathematical Economics (ES, AEA)	Sources of Morbidity Statistics (ASA)
	Monetary and Credit Policy (CEA)	Analysis of Choices Involving Risk (ASA, AEA, ES, IMS)
12:00 Noon		7:00 P.M.
	Luncheon Meeting: The Stock Market (ASA)	Annual Business Meeting (IMS)
	Luncheon Meeting of the Outgoing Board (ASA)	8:00 P.M.
		Current Problems in International Trade (AEA)
		Economic Progress: General Considerations (AEA)
		Informal Party, Chicago Chapter (ASA)

NOTE: Consult following pages for detail. All sessions are two hours in length unless otherwise indicated.

## SCHEDULE OF MEETINGS

Wednesday, December 27, 1950

9:30 A.M.  
PALMER HOUSE  
Grand Ballroom

The Role and Interests of the Consumer  
*American Economic Association*

Chairman: Hazel Kyrk, University of Chicago

Papers: THE CONSUMER IN THE HISTORY OF DOCTRINE

Mary Jean Bowman, Lexington, Kentucky

CONSUMER SOVEREIGNTY IN MODERN TIMES  
George H. Hildebrand, University of California at Los Angeles

DISTRIBUTION OF PRODUCT AND OF ECONOMIC POWER UNDER SOCIALISM

David McCord Wright, University of Virginia

Discussion: Margaret G. Reid, University of Illinois  
Roland S. Vaile, University of Minnesota

9:30 A.M.  
PALMER HOUSE  
Red Lacquer Room

Institutional Economics  
*American Economic Association*

Chairman: Allan G. Gruchy, University of Maryland

Papers: THE CO-ORDINATES OF INSTITUTIONALISM  
Clarence E. Ayres, University of Texas

INSTITUTIONAL ECONOMICS AND MODEL ANALYSIS

Morris A. Copeland, Cornell University

VEBLEN AND THE SOCIAL PHENOMENON OF CAPITALISM

Abram L. Harris, University of Chicago

Discussion: Joseph Dorfman, Columbia University  
Kenneth H. Parsons, University of Wisconsin

9:30 A.M.  
PALMER HOUSE  
Room 17

Changes in National Transportation Policy  
*American Economic Association*

Chairman: D. Philip Locklin, University of Illinois

Papers: IMPACT OF HIGHWAY TRANSPORT UPON RAILROADS AND NATIONAL TRANSPORT POLICY

James C. Nelson, State College of Washington



Wednesday

AN EVALUATION OF PUBLIC POLICY TOWARD  
THE RAILWAY INDUSTRY  
Ernest W. Williams, Jr., Columbia University

RE-EXAMINATION OF PUBLIC POLICY TOWARD  
COMMERCIAL AIR TRANSPORT  
Stanley Berge, Northwestern University

*Discussion:* William H. Thompson, Iowa State College  
Paul M. Zeiss, U. S. Department of Commerce  
John P. Carter, University of California

10:00 A.M.  
PALMER HOUSE  
Room 14

**Insurance Investments**  
*Joint Session: A.F.A., A.S.A., A.A.U.T.I.*

*Chairman:* James J. O'Leary, Life Insurance Association of America

*Papers:* UNUSUAL FEATURES OF LIFE INSURANCE INVESTMENTS  
Sherwin C. Badger, New England Mutual Life Insurance Company

DIRECT PLACEMENTS OF LIFE INSURANCE COMPANIES  
George T. Conklin, Jr., Guardian Life Insurance Company of America

THE VALUATION OF SECURITIES HELD BY INSURANCE COMPANIES  
Harold G. Fraine, University of Wisconsin

*Discussion:* James J. O'Leary, Life Insurance Association of America  
Marshall D. Ketchum, University of Chicago  
Harry L. Severson, Housing and Home Finance Agency

10:00 A.M. Mid-Century Appraisal of the Measurement  
CONGRESS HOTEL of Employment and Unemployment  
Gold Room *American Statistical Association*

*Chairman:* Gladys Palmer, University of Pennsylvania

*Papers:* MAJOR DEVELOPMENTS IN EMPLOYMENT AND UNEMPLOYMENT STATISTICS IN RECENT DECADES  
Kenneth B. Williams, Board of Governors of the Federal Reserve System

LABOR FORCE STATISTICS: THE TASK AHEAD  
Stanley Lebergott, U. S. Bureau of the Budget

*Discussion:* Cedric Wolfe, Metropolitan Life Insurance Company  
William L. Rafsky, American Federation of Hosiery Workers

Wednesday

10.00 A.M. **Recent Population Changes**  
CONGRESS HOTEL *Joint Session: A.S.A., P.A.A., A.P.H.A.*  
Florentine Room

*Chairman:* Margaret J. Hagood, Bureau of Agricultural Economics

*Papers:* POPULATION REDISTRIBUTION  
Henry S. Shryock, Jr., Bureau of the Census

FERTILITY TRENDS AND DIFFERENTIALS  
Clyde V. Kiser, Milbank Memorial Fund

MORTALITY TRENDS AND DIFFERENTIALS  
I. M. Moriyama, National Office of Vital Statistics

*Discussion:* Lowell J. Reed, Johns Hopkins University  
Evelyn Kitagawa, University of Chicago  
Everett S. Lee, U. S. Army

10.00 A.M. **Educational Test Theory**  
CONGRESS HOTEL *Joint Session: A.S.A., A.P.A., P.S.*  
Pine Room

*Chairman:* Helen M. Walker, Columbia University

*Paper:* HISTORY OF ITEM ANALYSIS IN RELATION TO EDUCATIONAL AND PSYCHOLOGICAL TESTING  
Frederick B. Davis, Hunter College

*Discussion:* Edward F. Cureton, University of Tennessee

10.00 A.M. **Statistical Problems in Radio-Biology**  
CONGRESS HOTEL *Joint Session: A.S.A., B.S. (ENAR), I.M.S.*  
Parliament Room

*Chairman:* A. E. Brandt, United States Atomic Energy Commission

*Papers:* GENE MUTATIONS IN POPULATIONS  
Bruce Wallace, Long Island Biological Laboratory

LONG-TERM RADIATION EXPERIMENTS IN DOGS  
S. Lee Crump, University of Rochester

METABOLISM OF LABELED CARBON COMPOUNDS  
Hardin B. Jones, University of California

*Discussion:* H. Fairfield Smith, University of North Carolina  
C. W. Sheppard, Oak Ridge National Laboratory

## TEXTBOOK NEWS

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Wednesday

**10.00 A.M. Contributed Papers - I**  
**CONGRESS HOTEL Joint Session: I.M.S., A.S.A.**  
**English Walnut Room**

*Chairman:* To be announced

*Contributors:* Garnet E. McCreary, University of Manitoba and Iowa State College  
Allan E. Paull, Abitibi Power and Paper Company, Ltd., Toronto, Canada  
Emil H. Jebe, Iowa State College and North Carolina State College  
Leo Katz, Michigan State College  
E. J. Gumbel, New York City, and L. H. Herbach, Columbia University  
Leo A. Goodman, University of Chicago  
Arthur Grad and Herbert Solomon, Office of Naval Research  
Ralph A. Bradley, Virginia Polytechnic Institute  
John E. Walsh, The RAND Corporation

**10.00 A.M. Contributed Papers - II**  
**CONGRESS HOTEL Institute of Mathematical Statistics**  
**Parlors A and B**

*Chairman:* To be announced

*Contributors:* E. W. Barankin, University of California  
Melvin P. Peisakoff, The RAND Corporation  
Henry Scheffé, Columbia University  
D. A. S. Fraser, University of Toronto  
M. A. Girshick and Herman Rubin, Stanford University  
David Blackwell, Stanford University  
Robert V. Hogg, State University of Iowa  
Norman Rudy, Sacramento State College  
G. S. Watson, University of Cambridge, and  
J. Durbin, London School of Economics

**10:00 A.M. Contributed Papers**  
**PALMER HOUSE Econometric Society**  
**Crystal Room**

*Chairman:* Howard R. Bowen, University of Illinois

*Papers:* THE CHOICE AMONG INVESTMENT ALTERNATIVES IN SOVIET ECONOMIC THEORY  
Norman Kaplan, The RAND Corporation

A MATHEMATICAL MODEL ILLUSTRATING SOME PROBLEMS IN THE THEORY OF INVESTMENT DECISIONS  
David Durand, National Bureau of Economic Research

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Wednesday

### THEORIES OF UNCERTAINTY AND FINANCIAL BEHAVIOR

Harry Markowitz, Cowles Commission for  
Research in Economics

*Discussion:* Yale Brozen, Northwestern University  
Evsey Domar, Johns Hopkins University  
Gerard Debreu, Cowles Commission for Re-  
search in Economics

10:00 A.M.  
PALMER HOUSE  
Room 18

### History of Mathematical Economics *Joint Session: E.S., A.E.A.*

*Chairman:* Earl J. Hamilton, University of Chicago

*Papers:* JEVONS AND HIS PRECURSORS  
Ross M. Robertson, University of Ten-  
nessee

### WALRASIANA: THE ELEMENTS AND ITS CRIT- ICS

William Jaffe, Northwestern University

### PARETO: HIS SIGNIFICANCE TO MODERN ECONOMICS

Harold T. Davis, Northwestern University

*Discussion:* By speakers and from the floor

10:00 A.M.  
PALMER HOUSE  
Room 9

### Monetary and Credit Policy *Catholic Economic Association*

*Chairman:* William H. Conley, Loyola University

*Paper:* THE PHILOSOPHY OF CURRENT MONETARY  
AND CREDIT POLICY  
M. S. Szymczak, Board of Governors of the  
Federal Reserve System

### THE PROPER MONETARY ROLE OF THE STATE IN CATHOLIC TEACHING

Rev. Robert J. McEwen, S. J., Boston  
College

*Discussion:* Tihamer Fabinyi, Boston College  
T. A. Mogilnitsky, Loyola University

12:00-4:00 P.M. Luncheon Meeting: The Stock Market  
CONGRESS HOTEL *American Statistical Association*  
Florentine Room

*Chairman:* James E. Day, Midwest Stock Exchange,  
Chicago

## Among the Books Displayed at Our Exhibit

### THE INCOME OF SOCIETY

*An Introduction to Economics*

By ELIZABETH ELLIS HOYT, *Iowa State College*

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## Wednesday

*Papers:* OBSERVATIONS ON SECURITY MARKETS AND STOCKHOLDER RELATIONS

Homer P. Hargrave, Merrill Lynch, Pierce, Fenner & Beane, New York

IS IT POSSIBLE TO FORECAST THE STOCK MARKET?

A. Wilfred May, Commercial and Financial Chronicle, New York

12:00 Noon  
CONGRESS HOTEL  
Parlor K

Luncheon Meeting of the Outgoing Board  
*American Statistical Association*

12:00 Noon  
CONGRESS HOTEL  
Parlor F

Luncheon: Business Meeting for the Section for Training of Statisticians  
*American Statistical Association*

*Chairman:* J. E. Morton, Housing and Home Finance Agency

12:00 Noon  
CONGRESS HOTEL  
Parlor J

1950 Council Meeting  
*Institute of Mathematical Statistics*

*Chairman:* J. L. Doob, University of Illinois

12:00 Noon  
CONGRESS HOTEL  
Gold Room

Luncheon  
*American Marketing Association*

*Topic:* RESPONSIBILITIES OF MARKETING MEN TODAY

*Speaker:* James L. Palmer, Marshall Field and Company

12:15 P.M.  
PALMER HOUSE  
Grand Ballroom

Luncheon Meeting: Executive Decisions at the Top Level

*Joint Session: American Economic Association, Chicago Association of Commerce and Industry*

*Chairman:* Leverett S. Lyon, Chicago Association of Commerce and Industry

*Speakers:* Forest D. Siefkin, International Harvester Company  
Ralph E. Flanders, U. S. Senate

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Wednesday

**12:30 P.M.**  
**PALMER HOUSE**  
**Room 9**

**Luncheon**  
**Catholic Economic Association**

**Presiding:** Rev. Leo C. Brown, S. J., St. Louis University

**Welcome:** His Eminence, Samuel Cardinal Stritch

**Presidential Address:** QUADRAGESIMO ANNO: SCHUMPETER'S ALTERNATIVE TO THE OMNIPOTENT STATE  
Joseph Solterer, Georgetown University

**2:00 P.M.**  
**PALMER HOUSE**  
**Grand Ballroom**

**Economic Theory, Statistics, and Economic Practice**

**Joint Session: A.E.A., A.S.A., E.S.**

**Chairman:** Leverett S. Lyon, Chicago Association of Commerce and Industry

**Papers:** ECONOMIC SCIENCE AND BUSINESS DECISIONS  
Henry M. Dennison, Framingham, Massachusetts

ECONOMIC THEORY AND RESEARCH: A BROAD INTERPRETATION OF WESLEY MITCHELL'S POSITION  
Rutledge Vining, University of Virginia

"STRAIGHT THINKING" VERSUS INDUCTIVE RESEARCH IN THE SOLUTION OF ECONOMIC PROBLEMS  
Francis M. Boddy, University of Minnesota

**Discussion:** Clifford Hildreth, University of Chicago  
George J. Stigler, Columbia University

**2:00 P.M.**  
**PALMER HOUSE**  
**Red Lacquer Room**

**Capital and Interest**  
**American Economic Association**

**Chairman:** William A. Paton, University of Michigan

**Papers:** CAPITAL THEORY AND PROGRESSIVE EQUILIBRIUM  
J. Fred Weston and Frank E. Norton, Jr.,  
University of California at Los Angeles

AN ACCOUNTANT'S VIEW OF CAPITAL AND INTEREST  
Maurice Moonitz, University of California

AN EQUILIBRIUM RATE OF INTEREST  
Arthur H. Leigh, Reed College



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Wednesday

*Discussion:* J. Raymond Walsh, WMCA Radio, New York City  
Jacob A. Stockfish, Federal Reserve Bank of Kansas City

2:00 P.M.  
PALMER HOUSE  
Room 17

The Housing Problem: I. The Current Situation

*Joint Session: A.E.A., A.S.A.*

*Chairman:* Ernest M. Fisher, Columbia University

*Papers:* HOUSING INVENTORY, CONCEPTS, AND CHANGES

Leo Grebler, Columbia University

RENT CONTROL AND THE DISTRIBUTION OF INCOME

D. Gale Johnson, University of Chicago

*Discussion:* Glenn H. Beyer, Cornell University  
Ramsay Wood, Board of Governors of the Federal Reserve System  
William D. Grampp, University of Illinois

2:00 P.M.  
PALMER HOUSE  
Room 14

Round Table on Business Finance: Government Financial Aid to Small Business

*American Finance Association*

*Chairman:* Donald M. Halley, Tulane University

*Papers:* AREAS OF GOVERNMENT FINANCIAL AID TO SMALL BUSINESS

A. D. H. Kaplan, Brookings Institution

INSURANCE OF LOANS AND DIRECT LENDING  
Walter R. Bimson, Valley National Bank, Phoenix, Arizona

CAPITAL FUNDS

Charles H. Schmidt, Board of Governors of the Federal Reserve System

FISCAL POLICY

Dan T. Smith, Harvard Graduate School of Business Administration

SUMMARY AND CONCLUSIONS

Herbert E. Dougall, Stanford University

2:00 P.M.  
CONGRESS HOTEL  
Gold Room

Marketing in a Mobilized Economy  
*American Marketing Association*

*Speakers:* George Halpin, Minnesota Mining and Manufacturing Company, St. Paul, Minnesota

## National Bureau of Economic Research

### New Publications

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Wednesday

Ray Mithun, Campbell-Mithun, Advertising, Minneapolis, Minnesota  
Harry Tosdal, Harvard University  
Charles H. Sevin, United States Department of Commerce

#### Theory of Variance Components

2:00 P.M.      *Joint Session: A.S.A., I.M.S., A.F.E.A.,*  
ROOSEVELT COLLEGE      *B.S. (ENAR), P.S.*  
Room 785

*Chairman:* W. J. Youden, National Bureau of Standards

*Papers:* THE PRESENT STATUS OF VARIANCE COMPONENT ANALYSIS  
S. Lee Crump, University of Rochester

TESTING A LINEAR RELATION AMONG VARIANCES  
William G. Cochran, Johns Hopkins University

APPLICATION TO REGRESSION AND TO ERRORS OF MEASUREMENT  
John W. Tukey, Princeton University

*Discussion:* A. M. Mood, The RAND Corporation  
D. B. DeLury, Ontario Research Foundation, Toronto

2:00 P.M.      *Developments in Actuarial Science*  
CONGRESS HOTEL      *Joint Session: A.S.A., A.A.U.T.I., I.M.S.*  
Parliament Room

*Chairman:* Cecil J. Nesbitt, University of Michigan

*Papers:* SURVEY OF THEORETICAL DEVELOPMENTS  
Charles A. Spoerl, Aetna Life Insurance Company

SURVEY OF PRACTICAL APPLICATIONS  
E. A. Lew and Frank Weck, Metropolitan Life Insurance Company

*Discussion:* Alfred Guertin, American Life Convention

2:00 P.M.      *Measurement of Group Behavior*  
CONGRESS HOTEL      *Joint Session: A.S.A., A.P.A., P.S.*  
Parlors A and B

*Chairman:* Harold Gulliksen, Educational Testing Service

*Papers:* SOME STATISTICAL PROBLEMS IN SMALL GROUP RESEARCH  
R. Freed Bales, Harvard University

Wednesday

THE RELATION OF MICROCATEGORIZATIONS  
AND RATINGS IN THE OBSERVATION OF  
GROUPS

Launor F. Carter, University of Rochester

*Discussion:* Leo Goodman, University of Chicago  
Max Woodbury, Princeton University

2:00 P.M. Measurement of Physical Output

CONGRESS HOTEL *Joint Session: A.S.A., A.E.A.*  
English Walnut Room

*Chairman:* J. E. Morton, Housing and Home Finance  
Agency

*Speaker:* Irving H. Siegel, Johns Hopkins University

*Discussion:* Solomon Fabricant, New York University  
Frank R. Garfield, Board of Governors of the  
Federal Reserve System  
Martin R. Gainsbrugh, National Industrial  
Conference Board

2:00 P.M. Clinic on Presentation of Statistical Data

CONGRESS HOTEL *American Statistical Association*  
Casino Room South

(Participants will answer questions sent in  
before meeting)

*Chairman:* Kenneth W. Haemer, American Telephone  
and Telegraph Company

*Participants:* Rudolph Modley, Executive Research, Inc.  
Bruce L. Jenkinson, Bureau of the Census  
William A. Spurr, Stanford University  
John McElroy, Readability Associates

Also presentation salon to which people will  
submit samples of work.

2:00 P.M. Statistical Control

CONGRESS HOTEL *Joint Session: I.M.S., A.S.A., A.S.Q.C. (C.S.)*  
Casino Room North

*Chairman:* E. G. Olds, Carnegie Institute of Technology

*Speaker:* W. A. Shewhart, Bell Telephone Laborato-  
ries

2:00 P.M. Contributed Papers

CONGRESS HOTEL *Econometric Society*  
Pine Room

*Chairman:* Oskar Morgenstern, Princeton University

Wednesday

*Papers:* PRODUCTION RELATIONS IN THE RAILWAY  
INDUSTRY

George H. Borts, Brown University

PRODUCTIVITY IN THE AIRFRAME INDUSTRY  
Herman Bergman, Air Materiel Command

ADDITIVITY IN LINEAR MODELS OF PRODUC-  
TION

Stanley Reiter, Stanford University

*Discussion:* Carl Christ, Johns Hopkins University  
Kenneth May, Carleton College  
Ronald W. Shephard, The RAND Corpora-  
tion

2:30 P.M. Monetary Problems

PALMER HOUSE *Catholic Economic Association*  
Room 9

*Chairman:* Francis J. Brown, De Paul University

*Papers:* THE USURY ELEMENT IN INFLATION  
Rev. Bernard W. Dempsey, S. J., St. Louis  
University

ETHICAL ASPECTS OF MONETARY REFORM  
Raymond Kent, University of Notre Dame

*Discussion:* Melchior Palyi, Chicago, Illinois  
Sister M. Alexaine Beatty, S. S. J., Regis  
College

4:30-5.00 P.M. Business Meeting

PALMER HOUSE *Catholic Economic Association*  
Room 9

*Presiding Officer:* Joseph Solterer, Georgetown University

4:00 P.M. Multivariate Analysis

CONGRESS HOTEL *Joint Session: I.M.S., A.S.A., E.S.*  
Gold Room

*Chairman:* M. A. Girshick, Stanford University

*Speaker:* T. W. Anderson, Columbia University

4:00 P.M. Precision of Measurements

CONGRESS HOTEL *Joint Session: A.S.A., I.M.S., A.S.Q.C.*  
Florentine Room *(C.S.), B.S. (ENAR)*

*Chairman:* W. Edwards Deming, Division of Statistical  
Standards

*Papers:* THE SPECIFICATION OF PRECISION OF MEAS-  
UREMENTS  
Churchill Eisenhart, National Bureau of  
Standards



Wednesday

THE ESTIMATION OF PRECISION OF MEASUREMENTS

Frank E. Grubbs, Aberdeen Proving Grounds

ESTIMATE OF PRECISION OF TEXTILE INSTRUMENTS

John C. Whitwell, Princeton University

*Discussion:* H. Fairfield Smith, University of North Carolina

Louis Tanner, Treasury Department

4:00 P.M. Mid-Century Review and Outlook for Price

CONGRESS HOTEL Information

English Walnut Room

*American Statistical Association*

*Chairman:* Lester S. Kellogg, Deere and Company

*Paper:* ECONOMIC APPRAISAL OF PRICE INDEXES  
R. B. Heflebower, Northwestern University

*Discussion:* Robert W. Burgess, Western Electric Company

W. A. Neiswanger, University of Illinois

4:00 P.M. Sources of Morbidity Statistics

CONGRESS HOTEL

Pine Room

*Joint Session: A.S.A., P.A.A., B.S. (ENAR), A.P.H.A.*

*Chairman:* Harold F. Dorn, Biometrics Branch, National Institutes of Health

*Papers:* BLUE CROSS HOSPITAL SERVICE AS A SOURCE OF MORBIDITY STATISTICS

Allen B. Thompson, Associated Hospital Service of New York

PREPAID MEDICAL CARE AS A SOURCE OF MORBIDITY DATA

Neva R. Deardorff, Health Insurance Plan of Greater New York

IS THE HOUSEHOLD SURVEY ESSENTIAL IN SECURING MORBIDITY STATISTICS?

Theodore Woolsey and Selwyn Collins, United States Public Health Service

*Discussion:* Paul Densen, University of Pittsburgh  
Morton L. Levin, Commission on Chronic Illness

Wednesday

4:00 P.M.

ROOSEVELT COLLEGE *Joint Session: A.S.A., A.E.A., E.S., I.M.S.*  
Room 785

*Chairman:* Jacob Marschak, Cowles Commission for Research in Economics

*Papers:* ALTERNATIVE APPROACHES TO THEORY OF CHOICE IN RISK-TAKING SITUATIONS

Kenneth J. Arrow, Stanford University

AN EXPERIMENTAL MEASUREMENT OF UTILITY

Frederick Mosteller, Harvard University

*Discussion:* Armen Alchian, University of California at Los Angeles

Milton Friedman, University of Chicago

Franco Modigliani, University of Illinois

7:00-8:00 P.M.

CONGRESS HOTEL

Parlors A and B

Annual Business Meeting

*Institute of Mathematical Statistics*

*Chairman:* J. L. Doob, University of Illinois

8:00 P.M.

PALMER HOUSE

Grand Ballroom

Current Problems in International Trade

*American Economic Association*

*Chairman:* Howard S. Ellis, University of California

*Papers:* OUR ECONOMIC FOREIGN POLICY: SOME CURRENT ISSUES

John H. Williams, Harvard University and the Federal Reserve Bank of New York

WELFARE-STATE MEASURES AND THE FREE MARKET IN INTERNATIONAL TRADE

Klaus E. Knorr, Yale Institute of International Studies

PROBLEMS OF TRADE BETWEEN PLANNED ECONOMIES

Michael L. Hoffman, New York Times

*Discussion:* James W. Angell, Columbia University  
Theo. Suranyi-Unger, Syracuse University

Frank W. Fetter, Northwestern University

8:00 P.M.

PALMER HOUSE

Red Laquer Room

Economic Progress: General Considerations

*American Economic Association*

*Chairman:* Adolph Lowe, Institute of World Affairs.  
New School for Social Research.

*Papers:* CULTURE CHANGE: INITIATION, DIFFUSION, AND BORROWING

Sol Tax, University of Chicago

INSTITUTIONAL BARRIERS TO ECONOMIC PROGRESS

John E. Sawyer, Harvard University

LESSONS FROM U.S. BUSINESS IN LATIN AMERICA

Henry W. Balgooyen, American and Foreign Power, Inc.

THE POPULATION OBSTACLE TO ECONOMIC BETTERMENT

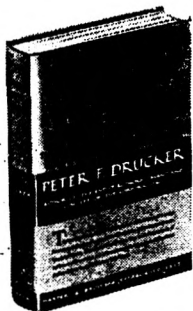
Joseph J. Spengler, Duke University

*Discussion:* Paul A. Baran, Stanford University

Theodore W. Schultz, University of Chicago

8:00 P.M.  
CONGRESS HOTEL  
Gold Room and  
Francis I Room

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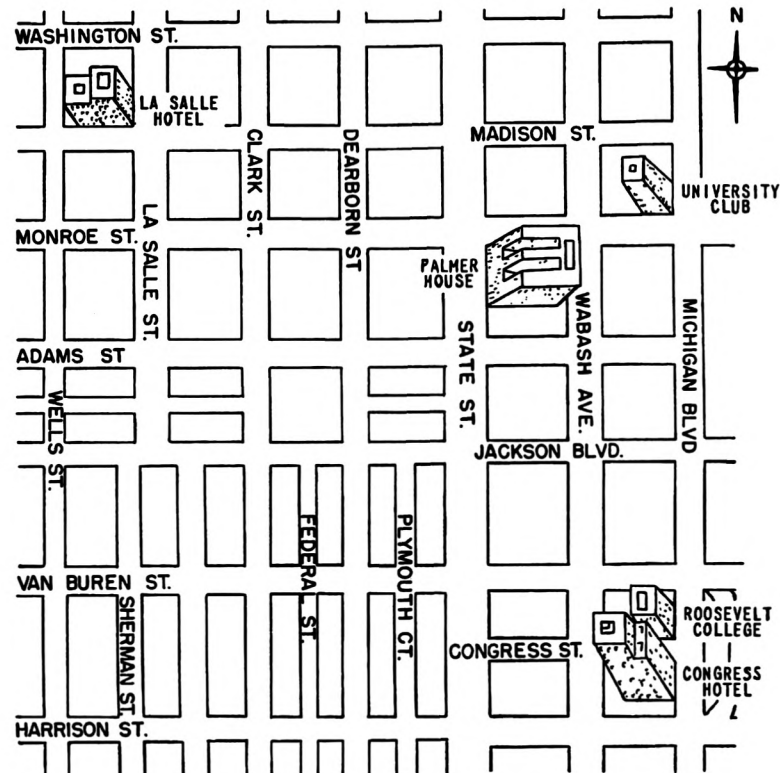
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## CHICAGO'S LOOP



THURSDAY

### Meeting Places

Palmer House — State and Monroe Streets

Congress Hotel — 520 South Michigan Avenue

La Salle Hotel — La Salle and West Madison Streets

Roosevelt College — 431 South Wabash Avenue

University Club — 76 East Monroe Street

Consult pages 7, 8 and 9 for list of breakfasts, luncheons, tours, and other special events which are not included in the official program.

## SUMMARY OF THURSDAY MEETINGS

- 8:00 A.M.**  
**Breakfast:** Chapter and District Representatives Meeting (ASA)
- 8:30 A.M.**  
**Teaching of Foreign Trade (AMA)**
- 9:00 A.M.**  
**Business Meeting of the Biometrics Section (ASA)**
- 9:30 A.M.**  
**The Economy of the Soviet Union (AEA)**  
**Economics of Medical Care: I. The Problem (AEA)**  
**Economic Stabilization (AEA)**  
**Expectations and Business Planning (ES, AEA)**
- 9:45 A.M.**  
**Consumer Durable Goods Workshop (AMA)**  
**Consumer Non-Durable Goods Workshop (AMA)**
- 10:00 A.M.**  
**Industrial Goods (AMA)**  
**Marketing Research Techniques Workshop (AMA)**  
**General Session for All Marketing Teachers (AMA)**
- 10:00 A.M.**  
**Measurement of National Income (ASA, AEA)**  
**Engineering, First Session (ASA, IMS)**  
**Statistical Literacy in the Social Sciences (ASA, IMS)**  
**Statistical Methods in Pharmacology and Immunology (ASA, IMS)**  
**Non-Parametric Inference (IMS, ASA)**  
**Contributed Papers (ES)**  
**Visual Aids in Insurance Teaching (AAUTI)**
- 10:30 A.M.**  
**Manpower Utilization (IRRA)**  
**Adjustments to Technological Changes (IRRA)**
- 12:00 Noon**  
**Luncheon:** Outlook for 1951: Implications of the Defense Program for Finance and Industry (ASA)
- 1:00 P.M.**  
**Luncheon Session (AMA Past Presidents)**  
**Luncheon Session, Full-Time Marketing Teachers Who Are Members of the AMA**
- 2:00 P.M.**  
**Taxation and Business Incentive (AFA, AEA)**  
**Consumer Durable Goods Workshop (AMA)**  
**Consumer Non-Durable Goods Workshop (AMA)**  
**Industrial Goods Workshop (AMA)**  
**Marketing Research Techniques Workshop (AMA)**  
**Teaching of General Marketing (AMA)**  
**Some Recent Advances in the Theory of Decision Functions (IMS, ASA, ES)**  
**Developments in U.S. Census Taking (ASA, IMS)**  
**Statistical Problems and Psychological Theory (ASA, IMS)**  
**Applications of Variance Components (ASA, IMS)**  
**Engineering, Second Session (ASA, IMS)**  
**Current Input-Output Studies (ES, AEA, ASA)**  
**A Review of the Half-Century in Insurance (AAUTI)**  
**Theory of the Labor Movement—A Reappraisal (IRRA, AEA)**  
**Collection and Use of Wage Statistics (IRRA, ASA)**
- 2:30 P.M.**  
**The Housing Problem: II. Long-Run Effects of Government Housing Programs (AEA)**  
**Factors in Modern Industrial Development (AEA)**
- 3:00 P.M.**  
**Teaching of General Marketing (AMA)**
- 4:00 P.M.**  
**Teaching of Salesmanship (AMA)**  
**Teaching of Marketing Research (AMA)**
- 4:00 P.M.**  
**Teaching of Advertising (AMA)**  
**Teaching of Sales Management (AMA)**  
**Teaching of Retailing (AMA)**  
**Measurement of Productivity (ASA)**  
**Statistical Inference (IMS, ASA, ES)**  
**Sample Survey Techniques (ASA, IMS)**  
**Engineering, Third Session (ASA)**  
**Round Table: What Can High Speed Electronic Computing Equipment Do For and To Statistics? (IMS, ASA)**  
**The Pattern of International Trade (ES, AEA)**  
**Experiments in Inter-Disciplinary Research—Three Panel Discussions (IRRA)**  
**A Study of Labor-Management Relation The Strike as a Socio-Economic Institution Employment of Older Workers**  
**Papers Submitted in Competition (IRRA)**
- 4:30 P.M.**  
**Annual Business Meeting (AFA)**
- 5:00 P.M.**  
**Annual Business Meeting (AAUTI)**
- 6:30 P.M.**  
**American Marketing Association Conference Banquet**  
**Dinner Meeting of Past and Present Officers (AFA)**
- 7:00 P.M.**  
**Annual Dinner Meeting (AAUTI)**
- 8:00 P.M.**  
**Annual Business Meeting and Presidential Address (ASA)**  
**Presidential Address (AEA)**
- 9:00 P.M.**  
**IRRA Smoker**

**NOTE: Consult following pages for detail. All sessions are two hours in length unless otherwise indicated.**

## SCHEDULE OF MEETINGS

**Thursday, December 28, 1950**

**8:00 A.M.** **Breakfast: Chapter and District Representatives Meeting**  
**CONGRESS HOTEL**  
**Florentine Room**  
*American Statistical Association*

**8:30-9:30 A.M.** **Teaching of Foreign Trade**  
**CONGRESS HOTEL**  
**Parlors A & B**  
*American Marketing Association*

*Chairman:* Edwin H. Lewis, University of Minnesota

*Topic:* TEACHING OF FOREIGN TRADE AND EXPORT SALES MANAGEMENT

*Panel Members:* E. R. Barlow, Harvard University  
 E. E. Pratt, New York University

**9:00-10:00 A.M.** **Business Meeting of the Biometrics Section**  
**CONGRESS HOTEL**  
**Pine Room**  
*American Statistical Association*

*Chairman:* Harold Dorn, Biometrics Branch, National Institutes of Health

**9:30 A.M.** **The Economy of the Soviet Union**  
**PALMER HOUSE**  
**Grand Ballroom**  
*American Economic Association*

*Chairman:* Calvin B. Hoover, Duke University

*Papers:* SOVIET AGRICULTURAL COLLECTIVISM IN WAR AND PEACE  
 Lazar Volin, U.S. Department of Agriculture

THE SOVIET RUSSIAN ECONOMIC WAR POTENTIAL  
 Joseph A. Kershaw, The RAND Corporation

*Discussion:* Evsey D. Domar, Johns Hopkins University  
 Naum Jasny, Soviet Economic Study Group, Washington, D.C.  
 Edward Ames, Amherst College  
 Harry Schwartz, Syracuse University

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Thursday

- Topics:* SALES AND DISTRIBUTION:  
SHORT TERM INDUSTRIAL SALES FORE-  
CASTING  
Walter E. Hoadley, Armstrong Cork Com-  
pany, Lancaster, Pennsylvania
- ADVERTISING AND PROMOTION:  
SELLING FIBERGLAS TO INDUSTRY  
Peter Fluge, Owens-Corning Fiberglas Cor-  
poration, Toledo, Ohio

**9:45-11:45 A.M. Marketing Research Techniques Workshop**  
**ROOSEVELT COLLEGE American Marketing Association**  
Room 745

*Chairman:* Peter G. Peterson, Market Facts, Incorporated, Chicago

*Topic:* THE SAMPLING DILEMMA...WHICH DESIGN  
BEST FITS THE PROBLEM?

*Speakers:* Morris H. Hansen, Bureau of the Census  
Lester R. Frankel, Alfred Politz Research,  
Inc., New York City  
Harry V. Roberts, University of Chicago

**9:45-12:00 Noon General Session for All Marketing Teachers**  
**CONGRESS HOTEL American Marketing Association**  
Gold Room

*Chairman:* Delbert J. Duncan, Cornell University

*Topic:* APPRAISING THE MARKETING CURRICULUM  
IN THE LIGHT OF PRESENT CONDITIONS

*Speakers:* H. L. Porter, Standard Oil Company of  
Indiana  
Thomas H. Carroll, University of North  
Carolina  
Walter C. Weidler, Ohio State University  
Ewald T. Grether, University of California

**10:00 A.M. Measurement of National Income**  
**CONGRESS HOTEL Joint Session: A.S.A., A.E.A.**  
English Walnut Room

*Chairman:* Martin R. Gainsbrugh, National Industrial  
Conference Board

*Papers:* NATIONAL INCOME ANALYSIS — PRESENT STA-  
TUS AND REMAINING PROBLEMS  
Henry H. Villard, City College of New  
York



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pany

NATIONAL INCOME - PROBLEMS AND PLANS  
OF THE EMANATING AGENCY

George Jaszi, U.S. Department of Com-  
merce

10:00 A.M. Engineering, First Session  
CONGRESS HOTEL Joint Session: A.S.A., I.M.S., A.S.Q.C. (C.S.)  
Casino Room South

Chairman: Frederick J. Halton, Jr., Deere and Company

Paper: STATISTICS IN PRODUCTION AND INSPEC-  
TION  
Edwin G. Olds, Carnegie Institute of Tech-  
nology

Discussion: Warren E. Jones, Desplaines, Illinois  
Charles A. Bicking, Hercules Powder Com-  
pany

10:00 A.M. Statistical Literacy in the Social Sciences  
CONGRESS HOTEL Joint Session: A.S.A., I.M.S., A.P.A., P.S.  
Florentine Room

Chairman: Philip M. Hauser, University of Chicago

Speaker: Helen M. Walker, Columbia University

10:00 A.M. Statistical Methods in Pharmacology and Im-  
CONGRESS HOTEL munology  
Parliament Room Joint Session: A.S.A., I.M.S., B.S. (ENAR)

Chairman: Lloyd Miller, Sterling-Winthrop Research  
Institute

Papers: COLLABORATIVE BIO-ASSAYS  
Lila F. Knudsen, Food and Drug Admin-  
istration

STATISTICAL METHODS IN IMMUNOLOGY  
Herbert C. Batson, Army Medical Center

Discussion: Everett Welker, American Medical Associa-  
tion

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Thursday

10:00 A.M. Non-Parametric Inference  
ROOSEVELT COLLEGE *Joint Session: I.M.S., A.S.A.*  
Room 785

*Chairman:* P. S. Dwyer, University of Michigan

*Speaker:* A. M. Mood, The RAND Corporation

10:00 A.M. Contributed Papers  
CONGRESS HOTEL *Econometric Society*  
Pine Room

*Chairman:* Martin Bronfenbrenner, University of Wisconsin

*Papers:* SOME LONG-RUN ASPECTS OF THE DISTRIBUTION OF WAGE INCOMES  
Robert Solow, Massachusetts Institute of Technology

THE DISTRIBUTION OF INCOME AND CONSUMER BEHAVIOR REPRESENTATIONS  
David Rosenblatt, Carnegie Institute of Technology

REGIONAL ALLOCATION OF MARKETING BUDGETS

Hans Zeisel and Stanley Canter, Tea Bureau, Inc. and McCann-Erickson, Inc.  
Dorothy S. Brady, University of Illinois

*Discussion:* Eugene C. Pomerance, Foote, Cone and Belding Company, Chicago  
James Tobin, Yale University

10:00 A.M. Visual Aids in Insurance Teaching  
UNIVERSITY CLUB *American Association of University Teachers of Insurance*

*Chairman:* Ross M. Trump, Washington University

*Papers:* VISUAL AIDS IN LIFE INSURANCE TEACHING  
R. Wilfred Kelsey, Institute of Life Insurance

VISUAL AIDS IN PROPERTY-CASUALTY INSURANCE TEACHING

H. Paul Abbott, Insurance Company of North America

*Discussion:* Dan McGill, University of North Carolina  
Richard de R. Kip, University of Pennsylvania



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Thursday

**10:30 A.M. Manpower Utilization**  
**LASALLE HOTEL Industrial Relations Research Association**  
 Illinois Room

*Chairman:* Ewan Clague, U.S. Bureau of Labor Statistics  
*Papers:* INCENTIVES AND RESISTANCES TO MOBILITY OF THE LABOR FORCE  
 Joseph Shister, University of Buffalo  
 APPRAISAL OF CURRENT MANPOWER PROBLEMS  
 William Haber, University of Michigan  
*Discussion:* Gladys Palmer, University of Pennsylvania  
 James C. Worthy, Sears, Roebuck & Company  
 Eli Oliver, Advisor to National Security Resources Board

**10:30 A.M. Adjustments to Technological Changes**  
**LASALLE HOTEL Industrial Relations Research Association**  
 Century Room

*Chairman:* Elliot Dunlap Smith, Carnegie Institute of Technology  
*Papers:* THE INDUSTRIAL AND ECONOMIC IMPACT OF TECHNOLOGICAL IMPROVEMENT  
 Richard Gleason, General Electric Company  
 THE HUMAN AND SOCIAL COSTS OF TECHNOLOGICAL CHANGE  
 Solomon Barkin, Textile Workers Union of America, C.I.O.  
*Discussion:* Charles R. Walker, Yale University  
 William G. Caples, President, Inland Container Corporation  
 James A. Brownlow, President, Metal Trades Department, A.F.L.

**12:00 Noon Luncheon: Outlook for 1951: Implications of CONGRESS HOTEL the Defense Program for Finance and Industry**  
 Florentine Room *American Statistical Association*

*Chairman:* Robert W. Burgess, Western Electric Company  
*Speakers:* Donald B. Woodward, Mutual Life Insurance Company of New York  
 Martin R. Gainsbrugh, National Industrial Conference Board  
*Discussion:* William A. Spurr, Stanford University  
 S. Morris Livingston, Standard Oil Company

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Thursday

12:00 Noon Luncheon Session:  
DE PAUL UNIVERSITY *Full-time marketing teachers who are mem-  
Social Science Library bers of the American Marketing Association*

2:00 P.M. Taxation and Business Incentive  
PALMER HOUSE *Joint Session: A.F.A., A.E.A.*  
Grand Ballroom

*Chairman:* Mabel Newcomer, Vassar College

*Papers:* THE TAX FACTOR IN COMPETITION FROM  
TAX EXEMPT BUSINESS  
Harry G. Guthmann, Northwestern Uni-  
versity

FURTHER CONSIDERATIONS ON THE INCI-  
DENCE OF THE CORPORATION INCOME TAX  
Carl S. Shoup, Columbia University

PROPERTY TAXATION IN RELATION TO IN-  
VESTMENT IN URBAN AREAS  
George W. Mitchell, State of Illinois, De-  
partment of Finance

*Discussion:* Harold M. Somers, University of Buffalo  
Richard B. Goode, University of Chicago  
Robert S. Ford, University of Michigan

2:00-3:50 P.M. Consumer Durable Goods Workshop  
CONGRESS HOTEL *American Marketing Association*  
Parlor D

*Chairman:* G. H. Wegner, Arnold, Schwinn and Com-  
pany, Chicago

*Topics:* SALES AND DISTRIBUTION:  
THE FUNCTION OF A WHOLESALER  
Frank B. Kaufman, Hibbard, Spencer,  
Bartlett and Company, Evanston, Illinois

ADVERTISING AND PROMOTION:  
PACKAGING THE PROMOTION - PROBLEMS  
OF AN ACTIVE CASE HISTORY  
Charles Anderson, Club Aluminum Prod-  
ucts Company, Chicago

2:00-3:50 P.M. Consumer Non-Durable Goods Workshop  
CONGRESS HOTEL *American Marketing Association*  
Parlors A and B

*Chairman:* Frank E. Walsh, Armour and Company,  
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Thursday

*Topics:* ADVERTISING AND PROMOTION:  
THE DIAL STORY  
Ralph Whiting, Armour and Company,  
Chicago

MARKET ANALYSIS AND EXPLORATION:  
TONI GOES TO MARKET  
Irving B. Harris, Toni Company, Chicago

2:00-3:50 P.M.      **Industrial Goods Workshop**  
CONGRESS HOTEL      *American Marketing Association*  
Parlor F

*Chairman:* Alexander T. Bush, Acme Steel Company,  
Chicago

*Topics:* MARKET ANALYSIS AND EXPLORATION:  
A CASE HISTORY OF MARKET PLANNING  
BY CARNEGIE-ILLINOIS STEEL CORPORATION  
M. Dal Ghent, Carnegie-Illinois Steel Corporation,  
Pittsburgh

A CASE HISTORY ON THE INFLUENCE OF  
MARKET RESEARCH ON PRODUCT DESIGN  
Jerome F. Fitzsimmons, Allis Chalmers  
Manufacturing Company, Milwaukee

2:00-3:50 P.M.      **Marketing Research Techniques Workshop**  
CONGRESS HOTEL      *American Marketing Association*  
Gold Room

*Chairman:* Peter G. Peterson, Market Facts, Inc., Chicago

*Topic:* THE RESEARCH METHOD DILEMMA... WHICH  
ONE RESULTS IN THE BEST PREDICTION OF  
CONSUMER BEHAVIOR?

*Speakers:* Ernest Dichter, Psychological Consultant,  
New York  
Paul F. Lazarsfeld, Columbia University  
G. Maxwell Ule, Kenyon and Eckhardt, New  
York

J. Stevens Stock, Marketing Research Consultant,  
Washington, D.C.

2:00-2:50 P.M.      **Teaching of General Marketing**  
CONGRESS HOTEL      *American Marketing Association*  
Parlor K

*Chairman:* Wendell R. Smith, State University of Iowa

Thursday

*Topics:* DEVELOPMENT OF THE NATIONAL INCOME APPROACH IN ECONOMICS  
Francis M. Boddy, University of Minnesota

THE SUITABILITY OF THE NATIONAL INCOME APPROACH TO THE TEACHING OF MARKETING  
Melvin Anshen, Indiana University

*Discussion:* Lincoln Clark, University of Tennessee  
Roland Vaile, University of Minnesota  
Ross Trump, Washington University

**2:00 P.M.** Some Recent Advances in the Theory of Decision Functions  
**ROOSEVELT COLLEGE** Room 785  
*Joint Session: I.M.S., A.S.A., E.S.*

*Chairman:* J. L. Doob, University of Illinois

*Speaker:* Jacob Wolfowitz, Columbia University

**2:00 P.M.** Developments in U.S. Census Taking  
**CONGRESS HOTEL** Casino Room South  
*Joint Session: A.S.A., I.M.S., P.A.A.*

*Chairman:* W. F. Ogburn, University of Chicago

*Papers:* ROLE OF RESEARCH IN CENSUS TAKING  
Morris Hansen, Bureau of the Census

EVALUATION OF CENSUS RESULTS  
Eli Marks, Bureau of the Census

CENSUS PROGRAM AND OPERATIONS  
A. Ross Eckler, Bureau of the Census

*Discussion:* Nathan Keyfitz, Dominion Bureau of Statistics, Ottawa

Virgil D. Reed, J. Walter Thompson Company

**2:00 P.M.** Statistical Problems and Psychological Theory  
**CONGRESS HOTEL** Pine Room  
*Joint Session: A.S.A., I.M.S., A.P.A., P.S.*

*Chairman:* Adam R. Gilliland, Northwestern University

*Papers:* STATISTICAL PROBLEMS AND PSYCHOLOGICAL SCALING  
Clyde H. Coombs, University of Michigan

STATISTICAL PROBLEMS AND LEARNING THEORY  
Kenneth W. Spence, State University of Iowa

Thursday

*Discussion:* Harold P. Bechtoldt, Iowa City  
Harold Gulliksen, Educational Testing Service  
Joseph Zubin, New York State Psychiatric Institute

**2:00 P.M.** Applications of Variance Components  
**CONGRESS HOTEL** Casino Room North  
*Joint Session: A.S.A., I.M.S., B.S. (ENAR)*

*Chairman:* G. W. Snedecor, Iowa State College

*Papers:* VARIANCE COMPONENTS AS A TOOL FOR THE ANALYSIS OF SAMPLE DATA  
Walter A. Hendricks, U.S. Department of Agriculture

CONSISTENCY OF ESTIMATES OF VARIANCE COMPONENTS  
R. E. Comstock and H. F. Robinson, North Carolina State College

USE OF COMPONENTS OF VARIANCE IN PREPARING SCHEDULES FOR THE SAMPLING OF BALED WOOL  
J. M. Cameron, National Bureau of Standards

*Discussion:* Walter T. Federer, Cornell University

**2:00 P.M.** Engineering, Second Session  
**CONGRESS HOTEL** English Walnut Room  
*Joint Session: A.S.A., I.M.S., A.S.Q.C. (C.S.)*

*Chairman:* W. Edwards Deming, Division of Statistical Standards

*Papers:* STATISTICS IN ENGINEERING RESEARCH AND DEVELOPMENT  
Ellis R. Ott, Rutgers University

STATISTICAL DEVELOPMENTS IN SOUTH AFRICA  
H. S. Sichel, Educational Testing Service

**2:00 P.M.** Current Input-Output Studies  
**PALMER HOUSE** Room 14  
*Joint Session: E.S., A.E.A., A.S.A.*

*Chairman:* Lloyd A. Metzler, University of Chicago

*Papers:* CONSTRUCTION OF A 1947 INPUT-OUTPUT TABLE  
Marvin Hoffenberg and W. Duane Evans, U.S. Bureau of Labor Statistics

Thursday

REGIONAL APPLICATIONS OF INPUT-OUTPUT ANALYSIS

Wassily Leontief, Harvard University and  
Walter Isard, Harvard Economic Research  
Project

*Discussion:* Svend Laursen, Brandeis University  
Sam H. Schurr, U.S. Bureau of Mines

2:00 P.M. A Review of the Half-Century in Insurance  
UNIVERSITY CLUB *American Association of University Teachers  
of Insurance*

*Chairman:* Ralph H. Blanchard, Columbia University

*Papers:* THE HALF-CENTURY IN PERSONAL INSURANCE  
Henry H. Jackson, National Life Insurance  
Company of Vermont

THE HALF-CENTURY IN PROPERTY-CASUALTY INSURANCE

Milton W. Mays, Insurance Executives  
Association

THE HALF-CENTURY IN INSURANCE EDUCATION

David McCahan, University of Pennsylvania

2:00 P.M. Theory of the Labor Movement — A Reappraisal  
LASALLE HOTEL *Joint Session: I.R.R.A., A.E.A.*  
Illinois Room

*Chairman:* Richard Lester, Princeton University

*Introduction:* COMMONS-PERLMAN THEORY — A SUMMARY  
Philip Taft, Brown University

*Papers:* JOB CONTROL AS A SYSTEM OF POWER  
J. B. S. Hardman, Editor, *Labor and  
Nation*

LABOR MOVEMENT THEORY AS TESTED BY RECENT HISTORY

David Kaplan, International Brotherhood  
of Teamsters, A.F.L.

*Concluding Remarks:* Selig Perlman, University of Wisconsin

*Discussion:* Everett Kassalow, Advisor to National Security Resources Board  
Russell Bauder, University of Missouri  
Philip M. Kaiser, Assistant Secretary of  
Labor

Thursday

2:00 P.M.  
LASALLE HOTEL  
Century Room

Collection and Use of Wage Statistics  
*Joint Session: I.R.R.A., A.S.A.*

*Chairman:* Isadore Lubin, Confidential Reports

*Papers:* CONCEPTUAL PROBLEMS IN THE DEVELOPMENT OF AN ADEQUATE PROGRAM OF OCCUPATIONAL WAGE STATISTICS  
Harry M. Douty, Bureau of Labor Statistics, U.S. Department of Labor

USES AND LIMITATIONS OF OCCUPATIONAL WAGE DATA

E. C. Allen, American Telephone and Telegraph Company

*Discussion:* N. Arnold Tolles, Cornell University  
Lazare Teper, International Ladies Garment Workers Union, A.F.L.

2:30 P.M.  
PALMER HOUSE  
Room No. 17

The Housing Problem: II. Long-Run Effects of Government Housing Programs  
*American Economic Association*

*Chairman:* Arthur M. Weimer, Indiana University

*Papers:* THE ROLE OF THE FEDERAL GOVERNMENT IN HOUSING  
Lawrence N. Bloomberg, Federal Housing Authority

EFFICIENCY IN HOUSING CONSTRUCTION  
Sherman J. Maisel, University of California

*Discussion:* Arthur R. Upgren, University of Minnesota  
Edward E. Edwards, Indiana University  
Raymond J. Saulnier, Columbia University

2:30 P.M.  
PALMER HOUSE  
Red Lacquer Room

Factors in Modern Industrial Development  
*Joint Session: A.E.A., E.H.A.*

*Chairman:* Arthur H. Cole, Harvard University

*Papers:* ROLE OF PHYSICAL ENVIRONMENT IN DIFFERENTIAL ECONOMIC PROGRESS: EXAMPLES FROM SOUTH AMERICA  
Preston E. James, Syracuse University

INVENTION, INNOVATION, AND DIFFUSION  
Yale Brozen, Northwestern University

RELIGION IN ECONOMICALLY RETARDED AREAS  
S. D. Clark, University of Toronto

Thursday

THE STATE AND INDUSTRIALIZATION  
Henry G. Aubrey, Institute of World  
Affairs, New School of Social Research

*Discussion:* Warren Scoville, University of California at  
Los Angeles  
Harold F. Williamson, Northwestern Uni-  
versity  
Arthur H. Cole, Harvard University

**3:00-3:50 P.M. Teaching of General Marketing**  
**CONGRESS HOTEL American Marketing Association**  
Parlor K

*Chairman:* Wendell R. Smith, State University of Iowa

*Topic:* THE PLACE OF THEORY IN THE TEACHING  
OF MARKETING  
Robert Bartels, Ohio State University

*Discussion:* Richard M. Clewett, Northwestern Univer-  
sity  
Wroe Alderson, Alderson & Sessions, Phila-  
delphia  
Charles Davisson, University of Michigan

**3:00-3:50 P.M. Teaching of Salesmanship**  
**CONGRESS HOTEL American Marketing Association**  
Parlor J

*Chairman:* Richard W. Cox, De Paul University

*Topics:* PSYCHO DRAMA  
John J. Kielty, Poetzingler, Dechert and  
Kielty, Chicago

IMPORTANT PEOPLE - A BUYING CLINIC  
Chester M. Kessler, Allied Mills Inc., Lib-  
ertyville, Illinois

**3:00-3:50 P.M. Teaching of Marketing Research**  
**CONGRESS HOTEL American Marketing Association**  
Parlor L

*Chairman:* Myron S. Heidingsfield, Temple University

*Topics:* UNIVERSITY MARKETING RESEARCH PROJ-  
ECTS WHICH ASSIST BUSINESS CONCERNS  
Leonard J. Bisbing, Marquette University

THE ORGANIZATION AND EXECUTION OF A  
FIELD WORK PROGRAM AS A SUPPLEMENT  
TO THE TEACHING OF MARKETING RE-  
SEARCH

Myron S. Heidingsfield, Temple University

Thursday

**4:00-4:50 P.M. Teaching of Advertising**  
**CONGRESS HOTEL American Marketing Association**  
Parlor K

*Chairman:* Kenneth Dameron, Ohio State University

*Topic:* EDUCATION FOR ADVERTISING IN A CHANG-  
ING WORLD

*Discussion:* Walter Gaw, City College of New York  
Vance Chamberlin, Fenn College  
Kenneth Dameron, Ohio State University  
Kenneth A. Grubb, Marketing Consultant,  
Washington, D.C.

**4:00-4:50 P.M. Teaching of Sales Management**  
**CONGRESS HOTEL American Marketing Association**  
Parlor J

*Chairman:* Ralph H. Oakes, Loyola University, New  
Orleans

*Topics:* CURRENT CONTENT AND METHOD IN THE  
"TYPICAL" BASIC SALES MANAGEMENT  
COURSES: A SURVEY  
Kenneth B. Haas, Loyola University, Chi-  
cago

WHAT N.S.E. FOUND IN ITS STUDY OF CUR-  
RICULA FOR SALES AND SALES MANAGEMENT  
Kenneth B. Lawyer, Western Reserve Uni-  
versity

PROGRESS REPORT ON BIBLIOGRAPHY FOR  
SALES MANAGEMENT  
Glenn M. Merry, New York University,  
and Phillip McVey, Ohio University

**4:00-4:50 P.M. Teaching of Retailing**  
**CONGRESS HOTEL American Marketing Association**  
Parlor L

*Chairman:* Wenzil K. Dolva, Washington University

*Topics:* RETAIL WORK EXPERIENCE PROBLEMS  
ACADEMIC CREDITS  
Kenneth L. Richards, Bradley University,  
and Donald J. Beckley, Prince School of  
Retailing

WHEN SHOULD EXPERIENCE BE OBTAINED?  
R. M. Lovejoy, Drake University, Jennie  
S. Graham, University of Buffalo, and  
Hans E. Krusa, New York University

Thursday

RATING METHODS AND GRADING THE EXPERIENCE

Charles M. Whitlo, University of Southern California

RETAILING RESEARCH IN THE COLLEGES  
Wenzil K. Dolva, Washington University

MERCHANDISING PLANNING BOOKS FOR TEACHERS

Francis M. Cody, Rutgers University

4:00 P.M. Measurement of Productivity  
CONGRESS HOTEL *American Statistical Association*  
Parliament Room

*Chairman:* Hiram S. Davis, University of Pennsylvania

*Papers:* A HALF CENTURY OF AMERICAN PRODUCTIVITY MEASUREMENT

Irving H. Siegel, Johns Hopkins University

ON THE USEFULNESS OF PRODUCTIVITY MEASURES

Peter Steiner, University of California

*Discussion:* N. Arnold Tolles, Cornell University

4:00 P.M. Statistical Inference  
ROOSEVELT COLLEGE *Joint Session: I.M.S., A.S.A., E.S., P.S.*  
Room 785

*Chairman:* S. N. Roy, University of North Carolina

*Speaker:* J. Neyman, University of California

4:00 P.M. Sample Survey Techniques  
CONGRESS HOTEL *Joint Session: A.S.A., A.F.E.A., B.S. (ENAR),*  
Casino Room South *I.M.S.*

*Chairman:* W. F. Callander, Gainesville, Florida

*Papers:* DOUBLE SAMPLING AND THE CURTIS IMPACT STUDY

D. S. Robson, Cornell University and  
Arnold J. King, National Analysts, Inc.,  
Philadelphia

APPROACHES TO AGRICULTURAL PRICE STATISTICS

F. E. McVay and Henry Tucker, North Carolina State College

PROBLEMS IN RURAL SURVEYS

R. L. Anderson and A. L. Finkner, North Carolina State College

Thursday

*Discussion:* B. R. Stauber, Division of Agricultural Price Statistics

W. N. Hurwitz, Bureau of the Census

4:00 P.M. Engineering, Third Session  
CONGRESS HOTEL *Joint Session: A.S.A., A.S.Q.C. (C.S.)*  
English Walnut Room

*Chairman:* H. H. Morgan, Robert W. Hunt Company, Chicago

*Paper:* LEGAL ASPECTS OF A STANDARD OF QUALITY  
Frank R. Kennedy, State University of Iowa

*Discussion:* Lila F. Knudsen, Food and Drug Administration

4:00 P.M. Round Table: What Can High Speed Electronic  
CONGRESS HOTEL Computing Equipment Do for and to Statistics?  
Florentine Room *Joint Session: I.M.S., A.S.A., P.S., A.C.M.*

*Moderator:* William G. Madow, University of Illinois

*Electronic Engineer:* Sam N. Alexander, National Bureau of Standards

*Expert User:* Byron Schreiner, A. C. Nielsen Company, Chicago

*Discussion:* Howard C. Grieves, Bureau of the Census  
John J. Finelli, Metropolitan Life Insurance Company

4:00 P.M. The Pattern of International Trade  
PALMER HOUSE *Joint Session: E.S., A.E.A.*  
Crystal Room

*Chairman:* P. T. Ellsworth, University of Wisconsin

*Papers:* THE LOCATION OF INDUSTRY AND THE THEORY OF INTERNATIONAL TRADE  
Wolfgang F. Stolper, University of Michigan

A GENERAL THEORY OF THE SYSTEM OF MULTILATERAL TRADE

Karl-Erik Hanson, United Nations

THE SELF-ADJUSTING MECHANISM OF THE INTERNATIONAL TRANSFER SYSTEM

Carl Major Wright, United Nations

Thursday

*Discussion:* Walter Isard, Harvard Economic Research Project  
Randall Hinshaw, Board of Governors of the Federal Reserve System  
A. I. Bloomfield, Federal Reserve Bank of New York

**4:00 P.M.** Experiments in Inter-Disciplinary Research –  
**LASALLE HOTEL** Three Panel Discussions  
*Industrial Relations Research Association*

**Century Room** A Study of Labor-Management Relation  
(*University of Illinois*)

*Chairman:* W. Ellison Chalmers

*Panel Participants:* Margaret Chandler  
Milton Derber  
W. H. McPherson  
L. McQuitty  
R. Stagner  
D. Wray

**Room 1860** The Strike as a Socio-Economic Institution  
(*University of Pennsylvania*)

*Chairman:* Waldo E. Fisher

*Panel Participants:* Elizabeth F. Flower  
Roy F. Nichols  
Otto Pollock  
Malcolm G. Preston  
George W. Taylor

**Illinois Room** Employment of Older Workers  
(*an I.R.R.A. Symposium*)

*Chairman:* Edwin E. Witte, University of Wisconsin

*Panel Participants:* J. Douglas Brown, Princeton University  
Philip M. Hauser, University of Chicago  
Solomon Barkin, Textile Workers Union of America, C.I.O.  
J. C. Sweeten, Socony-Vacuum Oil Company  
Wilbur J. Cohen, Social Security Administration

**4:00 P.M.** Papers Submitted in Competition  
**LA SALLE HOTEL** *Industrial Relations Research Association*  
Parlor D

*Chairman:* Dale Yoder, University of Minnesota

Thursday

*Papers:* THE TRADE UNIONS, FREEDOM AND ECONOMIC PLANNING  
S. E. Rolfe, Princeton University

AN EXPERIMENT IN INDUSTRIAL HARMONY  
Willard Kerr and Bertram Gottlieb, Illinois Institute of Technology

SOCIAL INSURANCE COORDINATION: SOME OBSERVATIONS BASED ON JAPANESE EXPERIENCE WITH HEALTH INSURANCE  
George F. Rohrlich, Public Health and Welfare Section, G.H.Q., S. C. A. P.

**4:30 P.M.** Annual Business Meeting  
**PALMER HOUSE** *American Finance Association*  
Room 14

*Presiding:* Howard R. Bowen, University of Illinois

**5:00 P.M.** Annual Business Meeting  
**UNIVERSITY CLUB** *American Association of University Teachers of Insurance*

**6:30 P.M.** American Marketing Association Conference  
**CONGRESS HOTEL** Banquet  
Gold Room

*Topic:* ESSENTIALITY OF DISTRIBUTION IN A DEFENSE ECONOMY

*Speaker:* James J. Nance, President, Hotpoint, Inc.  
PRESENTATION OF NATIONAL A.M.A. AWARDS

**6:30 P.M.** Dinner Meeting of Past and Present Officers of  
**UNIVERSITY CLUB** the American Finance Association

*Chairman:* Howard R. Bowen, University of Illinois

**7:00 P.M.** Annual Dinner Meeting  
**UNIVERSITY CLUB** *American Association of University Teachers of Insurance*

*Speaker:* Newell R. Johnson, American Mutual Alliance

Thursday

8:00 P.M. Annual Business Meeting and Presidential Address  
CONGRESS HOTEL dress  
Florentine Room *American Statistical Association*

8:00 P.M. Presidential Address  
PALMER HOUSE  
Grand Ballroom *American Economic Association*

Chairman: Albert B. Wolfe, Ohio State University

Address: THE PLACE OF PRINCIPLES IN ECONOMIC  
AND POLITICAL THINKING  
Frank H. Knight, University of Chicago

9:00 P.M. Industrial Relations Research Association  
LA SALLE HOTEL Smoker  
Century Room

**BOOKS FROM CHICAGO . . .**

**Bloomfield, Arthur I.:** *Capital Imports and the American Balance of Payments, 1934-39.*

An analysis of the theoretical issues of abnormal capital transfers in international finance, based on the influx of capital to this country in the decade before World War II.  
372 pp. \$6.00

**Millis, Harry A., and Brown, Emily C.:** *From the Wagner Act to Taft-Hartley.*

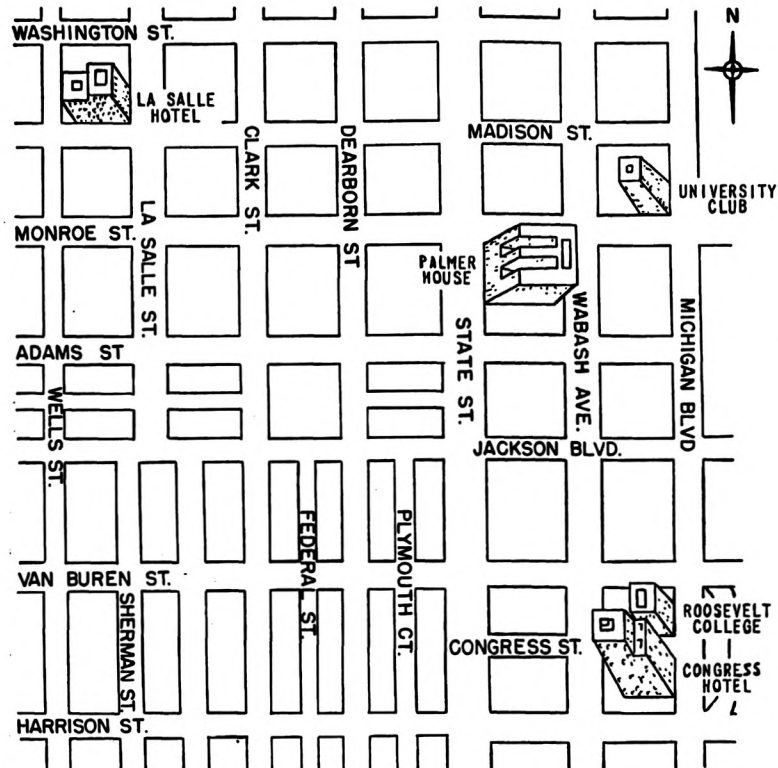
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# CHICAGO'S LOOP



## Meeting Places

Palmer House — State and Monroe Streets

Congress Hotel — 520 South Michigan Avenue

La Salle Hotel — La Salle and West Madison Streets

Roosevelt College — 431 South Wabash Avenue

University Club — 76 East Monroe Street

Consult pages 7, 8 and 9 for list of breakfasts, luncheons, tours, and other special events which are not included in the official program.

FRIDAY

## SUMMARY OF FRIDAY MEETINGS

**9:00 A.M.**  
 Business Meeting of the Business and Economics Section (ASA)  
 Annual Business Meeting, Biometric Society (ENAR)  
**9:30 A.M.**  
 Economic Mobilization Short of War (AEA)  
 Economics of Medical Care: II. Alternative Solutions (AEA, AAUTI)  
 Public Utilities and National Policy (AEA)  
**10:00 A.M.**  
 Round Table on Investments - Inductive Tests of Investment Theories (AFA)  
 General Review of Economic Statistics in Agriculture (ASA)  
 Statistical Measures of Concentration in Business (ASA, AEA)  
 Factor Analysis as a Statistical Tool (ASA, IMS)  
 Statistics in the Physical Sciences (ASA, IMS)  
 Statistical Methods in Medicine (ASA, IMS)  
 Development of Population Statistics for Policy Determination (ASA)  
 Surveys (IMS, ASA)  
 Problems of Incorrect and Incomplete Specification (ES, IMS)  
 Contributed Papers (ES)  
**10:30 A.M.**  
 Wage Theory (IRRA)

Employment Security and Defense (IRRA)  
**12:00 Noon**  
 Luncheon Meeting (AFA, AEA)  
 Luncheon of Committee on Census Enumeration Areas (ASA)  
 Business Meeting Luncheon (AMA)  
 1951 Council Meeting (IMS)  
**12:30 P.M.**  
 Business Meeting Luncheon and Presidential Address (IRRA)  
**2:00 P.M.**  
 What Marketing Men Need to Know About Economics and Vice Versa (AMA, AEA)  
 Progress in the Analysis of Demand (ASA, AEA, ES)  
 Elements of Information Theory (IMS, ASA)  
 Training of Interviewers (ASA)  
 Developments in World Census Taking (ASA)  
 Uses of Sampling Procedures in Social Security (ASA)  
 Statistical Measurement in Economic Mobilization Planning (ASA)  
 Contributed Papers (BS), (ASA)  
 Collection and Use of Survey data (ES, IMS, AEA)  
**2:30 P.M.**  
 Reappraisal of the Easy Money Policy (AFA, AEA)

Point Four: Development of Backward Areas (AEA)  
 Farm Problems: I. Functioning of Capital and Labor Markets (AEA)  
 The Taft-Hartley Act as a Basis for War-time Labor Relations (IRRA)  
**4:00 P.M.**  
 Agricultural Commodity Production and Marketing Statistics (ASA)  
 Reorganization of United States Statistics on Shipping and Foreign Trade (ASA)  
 R. A. Fisher Survey (ASA, IMS)  
 Statistics in the Social and Welfare Services (ASA)  
 Measurement of Opinion (ASA, AMA, IMS)  
 Contributed Papers (BS), (ASA)  
 Econometric Methods in Agricultural Research (ES)  
 Contributed Papers - III (IMS)  
**4:30 P.M.**  
 Annual Business Meeting (AEA)  
**6:00 P.M.**  
 Dinner and Meeting of the Incoming Board and Council (ASA)  
**8:00 P.M.**  
 Government Action or Private Enterprise in River Valley Development (AEA)  
 Differential Economic Progress: Some Cases, Comparisons, and Contrasts (AEA)

**NOTE:** Consult following pages for detail. All sessions are two hours in length unless otherwise indicated.

## SCHEDULE OF MEETINGS

Friday, December 29, 1950

**9:00-10:00 A.M.** Business Meeting of the Business and Economics  
 CONGRESS HOTEL Section  
 Pine Room  
*American Statistical Association*

**9:00 A.M.** Annual Business Meeting  
 CONGRESS HOTEL  
 English Walnut Room  
*Biometric Society (ENAR)*

**9:30 A.M.** Economic Mobilization Short of War  
 PALMER HOUSE  
 Grand Ballroom  
*American Economic Association*

*Chairman:* Dexter M. Keezer, McGraw-Hill Publishing Company

*Papers:* ECONOMIC MOBILIZATION FOR LESS-THAN-TOTAL WAR  
 Albert G. Hart, Columbia University

STRATEGY OF DIRECT CONTROL IN LIMITED MOBILIZATION  
 John K. Galbraith, Harvard University

*Discussion:* Donald H. Wallace, Princeton University  
 Carroll R. Daugherty, Northwestern University

Lester V. Chandler, Princeton University  
 Gardner Ackley, University of Michigan

**9:30 A.M.** Economics of Medical Care: II. Alternative Solutions  
 PALMER HOUSE  
 Room 17  
*Joint Session: A.E.A., A.A.U.T.I.*

*Chairman:* C. Rufus Rorem, Hospital Council of Philadelphia

*Papers:* THE BRITISH EXPERIMENT  
 Seymour E. Harris, Harvard University

VOLUNTARY VERSUS COMPULSORY INSURANCE AGAINST COST OF MEDICAL CARE  
 Clarence A. Kulp, University of Pennsylvania

WELFARE IMPLICATIONS OF ALTERNATIVE METHODS OF FINANCING  
 Jerome Rothenberg, Amherst College



Friday

*Discussion:* Frank G. Dickinson, American Medical Association  
Ralph H. Blodgett, University of Florida  
Carl T. Arlt, Oberlin College

**9:30 A.M.** **Public Utilities and National Policy**  
**PALMER HOUSE** *American Economic Association*  
**Room 18**

*Chairman:* Emery Troxel, Wayne University

*Papers:* THE INTEGRATION OF THE ELECTRIC POWER INDUSTRY

Horace M. Gray, University of Illinois

PUBLIC UTILITY RATE CONTROL IN A PERIOD OF PRICE INFLATION

James C. Bonbright, Columbia University

HOW EFFECTIVE IS STATE COMMISSION REGULATION?

C. Woody Thompson, University of Iowa

*Discussion:* David G. Tyndall, Carnegie Institute of Technology

Erwin E. Nemmers, Marquette University

Martin G. Glaeser, University of Wisconsin

**10:00 A.M.** **Round Table on Investments – Inductive Tests**  
**PALMER HOUSE** **of Investment Theories**  
**Room 14** *American Finance Association*

*Chairman:* Benjamin Graham, Graham-Newman Corporation

*Papers:* POSSIBILITIES OF AN EXPERIMENTAL APPROACH TO INVESTMENT STUDIES

O. K. Burrell, University of Oregon

FORMULA TIMING PLANS FOR INSTITUTIONAL INVESTORS

L. Sidney Cottle, Emory University

TWO FORMULA METHODS FOR CHOOSING COMMON STOCKS

Henry S. Schneider, Wertheim & Co.

**10:00 A.M.** **General Review of Economic Statistics in Agriculture**  
**CONGRESS HOTEL** **culture**  
**Gold Room** *Joint Session: A.S.A., A.F.E.A.*

*Chairman:* To be announced

Friday

*Papers:* THE NATURE OF AGRICULTURAL DATA AND THE SYSTEMS WHICH SUPPLY THEM  
S. R. Newell, U.S. Department of Agriculture

DEVELOPMENTS IN AGRICULTURAL STATISTICS IN THE BUREAU OF THE CENSUS  
Ray Hurley, Bureau of the Census

*Discussion:* T. W. Schultz, University of Chicago

**10:00 A.M.** **Statistical Measures of Concentration in Business**  
**CONGRESS HOTEL** *Joint Session: A.S.A., A.E.A.*  
**Parliament Room**

*Chairman:* A. D. H. Kaplan, Brookings Institution

*Papers:* CRITERIA AND STATISTICAL APPROACHES  
Charles F. Roos, Econometric Institute

AGGREGATE MEASURES AND THEIR ALTERNATIVES

Alfred S. Cleveland, University of California

PROBLEMS OF COMPILATION AND INTERPRETATION

John M. Blair, Federal Trade Commission

*Discussion:* Harold T. Davis, Northwestern University  
George J. Stigler, Columbia University  
Gardiner C. Means, Committee for Economic Development  
Edwin B. George, Dun & Bradstreet

**10:00 A.M.** **Factor Analysis as a Statistical Tool**  
**CONGRESS HOTEL** *Joint Session: A.S.A., I.M.S., P.S., A.P.A.*  
**Casino Room South**

*Chairman:* Herbert Woodrow, University of Illinois

*Speaker:* L. L. Thurstone, University of Chicago

*Discussion:* E. E. Cureton, University of Tennessee  
R. J. Wherry, Columbus, Ohio

**10:00 A.M.** **Statistics in the Physical Sciences**  
**ROOSEVELT COLLEGE** *Joint Session: A.S.A., I.M.S., A.S.Q.C. (C.S.)*  
**Room 785**

*Chairman:* Samuel S. Wilks, Princeton University

*Speaker:* Walter Bartky, University of Chicago

*Discussion:* J. L. Doob, University of Illinois

*two important new revisions . . .*

### PRINCIPLES of ECONOMICS, Revised

Ralph H. Blodgett, University of Florida

Considerably revised and enlarged, this new edition provides more charts and diagrams, and covers price discrimination, the Keynesian theory of interest, the United Nations, the International Trade Organization, and Labor Organizations.

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### ECONOMIC HISTORY OF THE UNITED STATES

*Available soon:* THE TRANSPORTATION REVOLUTION—Industry, 1815 to 1860 by *George R. Taylor*; EXPANSION AND REGULATION, 1897 to 1917 by *Harold U. Faulkner*. *Published:* THE FARMER'S LAST FRONTIER—Agriculture, 1860 to 1897 by *Fred A. Shannon*; PROSPERITY DECADE—From War to Depression, 1917 to 1929 by *George Soule*; DEPRESSION DECADE—From New Era through New Deal, 1929 to 1941 by *Broadus Mitchell*.

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Friday

10:00 A.M. Statistical Methods in Medicine  
CONGRESS HOTEL Joint Session: A.S.A., I.M.S., B.S. (ENAR)  
English Walnut Room A.P.H.A.

Chairman: Hugo Muench, Harvard University

Papers: A STOCHASTIC MODEL OF RELAPSE, DEATH,  
AND OTHER RISKS FOLLOWING A TREAT-  
MENT  
Evelyn Fix and J. Neyman, University of  
California

THE DESIGN OF PHYSIOLOGICAL AND CLINI-  
CAL EXPERIMENTS  
Donald Mainland, New York University  
and J. W. Hopkins, National Research  
Council, Ottawa

DISCRIMINATORY ANALYSIS  
Joseph L. Hodges, Jr., University of Cali-  
fornia

Discussion: Samuel W. Greenhouse, National Cancer  
Institute

10:00 A.M. Development of Population Statistics for Policy  
CONGRESS HOTEL Determination  
Parlors A and B Joint Session: A.S.A., P.A.A.

Chairman: Philip M. Hauser, University of Chicago

Papers: POPULATION STATISTICS IN RELATION TO  
DEVELOPMENT OF UNDERDEVELOPED AREAS  
P. K. Whelpton, Miami University

POPULATION STATISTICS IN RELATION TO  
POPULATION POLICY  
Frank W. Notestein, Princeton University

Discussion: Frank Lorimer, American University  
Albert Reiss, University of Chicago

10:00 A.M. Surveys  
CONGRESS HOTEL Joint Session: I.M.S., A.S.A.  
Florentine Room

Chairman: F. F. Stephan, Princeton University

Speaker: William G. Madow, University of Illinois

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READINGS  
IN  
LABOR ECONOMICS  
AND  
INDUSTRIAL RELATIONS**

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Friday

**10:00 A.M.**      **Problems of Incorrect and Incomplete Specification**  
**CONGRESS HOTEL**  
**Pine Room**

*Joint Session: E.S., I.M.S.*

*Chairman:* Merrill M. Flood, The RAND Corporation

*Papers:* **SOME SPECIFICATION PROBLEMS AND APPLICATIONS TO ECONOMETRIC MODELS**

Leonid Hurwicz, Cowles Commission for Research in Economics and University of Illinois

**AN APPROACH TO EFFECTS OF NON-NORMALITY IN TESTS OF SIGNIFICANCE**

William Kruskal, University of Chicago

*Discussion:* T. W. Anderson, Columbia University  
John W. Tukey, Princeton University

**10:00 A.M.**  
**PALMER HOUSE**  
**Crystal Room**

**Contributed Papers**  
*Econometric Society*

*Chairman:* G. A. Elliott, University of Toronto

*Papers:* **THE WELFARE PROGRAMMING OF PUBLIC INVESTMENT**

R. W. Pfouts, University of North Carolina

**WAGE INFLATION AND THE DISTRIBUTION OF INCOME**

Murray C. Kemp, The Johns Hopkins University

**EFFECTS OF DEMAND ON PRICE BEHAVIOR DURING ECONOMIC CHANGE**

Malcolm C. Urquhart, Queen's University, Kingston, Ontario

*Discussion:* Jean Bronfenbrenner, University of Illinois  
Karl Brunner, Handelshochschule, St. Gallen, Switzerland  
Julius Margolis, University of Chicago

**10:30 A.M.**  
**LA SALLE HOTEL**  
**Illinois Room**

**Wage Theory**  
*Industrial Relations Research Association*

*Chairman:* John T. Dunlop, Harvard University

*Papers:* **THE GENERAL LEVEL OF MONEY WAGES**  
Melvin W. Reder, Stanford University

**THE ECONOMIC IMPACT OF COLLECTIVE BARGAINING IN THE STEEL AND COAL INDUSTRIES DURING THE POST-WAR PERIOD**

Albert Rees, University of Chicago

## WATCH FOR THESE BOOKS

### from Macmillan's Spring List

#### AMERICA'S ECONOMIC GROWTH

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Published in October

#### SOCIAL ECONOMY AND THE PRICE SYSTEM

By Raymond T. Bye

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## Friday

*Discussion:* Frank C. Pierson, Swarthmore College  
Henry Arthur, Swift and Company  
Robert Nathan, Robert Nathan Associates

**10:30 A.M.**      **Employment Security and Defense**  
**LA SALLE HOTEL**      **Industrial Relations Research Association**  
Century Room

*Chairman:* Meredith B. Givens, New York State Department of Labor, Division of Placement and Unemployment Insurance

*Papers:* IMPACT OF DEFENSE ON UNEMPLOYMENT INSURANCE FINANCING  
Michael T. Wermel, Bureau of Employment Security, Washington, D. C.

EMPLOYMENT SERVICES AND WAR LABOR MARKETS  
Emmett Welch, National Security Resources Board

*Discussion:* E. J. Eberling, Tennessee Department of Employment Security  
Louis Levine, Bureau of Employment Security, Washington, D. C.

*General Discussion:* Edison L. Bowers, Ohio State University  
Sidney Sufrin, Syracuse University

**12:00 Noon**      **Luncheon Meeting**  
**PALMER HOUSE**      **Joint Session: A.F.A., A.E.A.**  
Red Laquer Room

*Chairman:* J. Robert Beattie, Bank of Canada

*Speaker:* John H. Williams, Harvard University

*Topic:* MONETARY CONTROL AND THE PUBLIC DEBT

**12:00 Noon**      **Luncheon of Committee on Census Enumeration**  
**CONGRESS HOTEL** Areas  
Pine Room      **American Statistical Association**

*Chairman:* Howard Whipple Green, Cleveland Health Council

*Papers:* THE MARKETER'S INTEREST IN CENSUS TRACT DATA  
Ross M. Cunningham, Massachusetts Institute of Technology



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Friday

### WHAT WE EXPECT OF LOCAL CENSUS TRACT COMMITTEES

Roy V. Peel, Bureau of the Census

### PRESENTATION OF POPULATION AND HOUSING DATA BY CENSUS TRACTS

Howard G. Brunzman, Bureau of the Census

### PROBLEMS ARISING IN CONNECTION WITH CENSUS TRACT BOUNDARIES

C. E. Batschelet, Bureau of the Census

### COMBINING CENSUS TRACTS TO MAKE UP RETAIL TRADE AREAS

Harvey Kailan, Bureau of the Census

### NEW CENSUS TRACT CITIES IN CANADA

O. A. Lemieux, Dominion Bureau of Statistics

### WELCOME TO KEY PERSONS REPRESENTING NEW CENSUS TRACT CITIES

Howard Whipple Green

*General Discussion:* Five-Minute Reports by Various Census Tract Key Persons

12:00 Noon  
CONGRESS HOTEL  
Gold Room

**Business Meeting Luncheon**  
*American Marketing Association*

*Topic:* THE PURPOSE AND FUNCTION OF THE AMERICAN MARKETING ASSOCIATION, AND WHAT'S AHEAD

Everett R. Smith, MacFadden Publications

12:00 Noon  
CONGRESS HOTEL  
Parlor J

**1951 Council Meeting**  
*Institute of Mathematical Statistics*

*Chairman:* P. S. Dwyer, University of Michigan

12:30 P.M.  
LA SALLE HOTEL  
Grand Ballroom

**Business Meeting Luncheon and Presidential Address**  
*Industrial Relations Research Association*

2:00 P.M.  
CONGRESS HOTEL  
Gold Room

**What Marketing Men Need To Know About Economics and Vice Versa**  
*Joint Session: A.M.A., A.E.A.*

*Chairman:* Reavis Cox, University of Pennsylvania

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## Friday

*Topics:* WHAT MARKETING MEN SHOULD KNOW ABOUT ECONOMICS  
Martin Bronfenbrenner, University of Wisconsin

WHAT ECONOMISTS SHOULD KNOW ABOUT MARKETING  
George H. Brown, University of Chicago

*Discussion:* Walter E. Hoadley, Jr., Armstrong Cork Company  
Joseph M. McDaniel, Jr., Northwestern University

2:00 P.M. Progress in the Analysis of Demand  
ROOSEVELT COLLEGE *Joint Session: A.S.A., A.E.A., E.S.*  
Room 785

*Chairman:* Frederick V. Waugh, Council of Economic Advisers

*Papers:* THE RELATION OF INCOME TO EXPENDITURES  
Dorothy S. Brady, University of Illinois

RELATIONS BETWEEN PRICES, CONSUMPTION, AND PRODUCTION  
Karl Fox, Bureau of Agricultural Economics

THE DEMAND FOR INSTALLMENT CREDIT  
Avram Kisselgoff, University of Illinois

*Discussion:* Jacob Marschak, Cowles Commission for Research in Economics  
Holbrook Working, Stanford University

2:00 P.M. Elements of Information Theory  
CONGRESS HOTEL *Joint Session: I.M.S., A.S.A.*  
Florentine Room

*Chairman:* Solomon Kullback, George Washington University

*Speaker:* Brockway McMillan, Bell Telephone Laboratories

2:00 P.M. Training of Interviewers  
CONGRESS HOTEL *American Statistical Association*  
Parlors A and B

*Chairman:* Angus Campbell, University of Michigan

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SECOND BANK OF THE UNITED STATES  
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Friday

*Speakers:* Jack B. Robertson, Bureau of the Census  
Charles F. Cannell, University of Michigan

*Discussion:* J. Stevens Stock, Department of Labor  
Valter V. Monroe, National Analysts, Inc.,  
Philadelphia

2:00 P.M. **Developments in World Census Taking**  
CONGRESS HOTEL *Joint Session: A.S.A., A.F.E.A., P.A.A.*  
Casino Room South

*Chairman:* Stuart A. Rice, Division of Statistical Standards

*Papers:* CENSUSES IN THE WESTERN HEMISPHERE  
Calvert Dedrick, Bureau of the Census

CENSUSES IN THE EASTERN HEMISPHERE  
Forrest E. Linder and C. K. Dilwali, UN  
Statistical Office

WORLD CENSUS OF AGRICULTURE  
Conrad Taeuber, Food and Agriculture  
Organization

2:00 P.M. **Uses of Sampling Procedures in Social Security**  
CONGRESS HOTEL *American Statistical Association*  
Parliament Room

*Chairman:* Robert J. Myers, Social Security Administration

*Papers:* SAMPLING PROBLEMS AND METHODS IN UN-  
EMPLOYMENT INSURANCE  
Elizabeth J. Slotkin, Department of Labor

SAMPLING IN OLD-AGE AND SURVIVORS IN-  
SURANCE STATISTICAL PROGRAM  
Benjamin J. Mandel, Bureau of Old-Age  
and Survivors Insurance

APPLICATIONS OF SAMPLING TECHNIQUES IN  
PUBLIC ASSISTANCE RESEARCH  
Walter Perkins, Social Security Adminis-  
tration

*Discussion:* Jack Elkins, Railroad Retirement Board  
Jerome Cornfield, National Institutes of  
Health

2:00 P.M. **Statistical Measurement in Economic Mobiliza-  
CONGRESS HOTEL tion Planning**  
Casino Room North *American Statistical Association*

*Chairman:* Isador Lubin, Confidential Reports

Friday

*Papers:* STATISTICAL MEASUREMENT AND ECONOMIC  
MOBILIZATION PLANNING  
Glenn E. McLaughlin, National Security  
Resources Board

THE APPLICATION OF THE INPUT-OUTPUT  
TECHNIQUE TO THE ANALYSIS OF AIR FORCE  
REQUIREMENTS AND OPERATIONS  
Marshall K. Wood, Department of the Air  
Forces

*Discussion:* Solomon Fabricant, New York University  
David Novick, The RAND Corporation

2:00 P.M. **Contributed Papers**  
CONGRESS HOTEL *Joint Session: B.S. (ENAR), A.S.A.*  
English Walnut Room

*Chairman:* Evelyn Fix

*Contributors:* Clifford J. Maloney  
I. J. Bross  
Oscar Felsenfeld  
Nathan Mantel

2:00 P.M. **Collection and Use of Survey Data**  
PALMER HOUSE *Joint Session: E.S., I.M.S., A.E.A.*  
Crystal Room

*Chairman:* J. Neyman, University of California

*Papers:* SAMPLE SURVEYS OF HOUSEHOLDS: A NEW  
TOOL IN ECONOMETRICS  
Lawrence R. Klein, University of Michigan

USE OF SAMPLE SURVEYS OF BUSINESS EX-  
PECTATIONS AND PLANS  
Franco Modigliani, University of Illinois

*Discussion:* Paul F. Lazarsfeld, Columbia University

2:30 P.M. **Reappraisal of the Easy Money Policy**  
PALMER HOUSE *Joint Session: A.F.A., A.E.A.*  
Red Lacquer Room

*Chairman:* Fritz Machlup, Johns Hopkins University

*Papers:* THE ROLE OF INTEREST RATES IN A CHANG-  
ING WORLD  
Henry Murphy, International Monetary  
Fund

IMPACT OF LOW INTEREST RATES ON THE  
ECONOMY  
Lester V. Chandler, Princeton University

Friday

*Discussion:* John K. Langum, Federal Reserve Bank of  
Chicago  
Howard R. Bowen, University of Illinois

2:30 P.M. **Point Four: Development of Backward Areas**  
PALMER HOUSE *American Economic Association*  
Grand Ballroom

*Chairman:* Imrie de Vegh, Pell, de Vegh and Company

*Papers:* DIVERSITY OF CONDITIONS IN DIFFERENT  
AREAS  
Paul N. Rosenstein-Rodan, International  
Bank

A SECOND LOOK AT POINT FOUR  
James Baster, Section for Economic Affairs,  
United Nations

DILEMMAS IN POLICY ISSUES  
Willard L. Thorp, Assistant Secretary of  
State

*Discussion:* By above speakers and from the floor

2:30 P.M. **Farm Problems: I. Functioning of Capital and**  
PALMER HOUSE **Labor Markets**  
Room 17 *Joint Session: A.E.A., A.F.E.A.*

*Chairman:* F. F. Hill, Cornell University

*Papers:* INCOME EFFECTS OF FARM PRODUCT PRICE  
CHANGES UPON EFFICIENCY IN FARMING  
Walter W. Wilcox, Library of Congress

INNOVATIONS, CAPITAL REQUIREMENTS, AND  
LOW INCOME IN AGRICULTURE  
William E. Hendrix, Georgia Agricultural  
Experiment Station

FUNCTIONING OF THE LABOR MARKET IN  
AGRICULTURE  
D. Gale Johnson, University of Chicago

*Discussion:* Cecil B. Haver, North Dakota State College  
Lowell Hardin, Purdue University

2:30 P.M. **The Taft-Hartley Act As a Basis for Wartime**  
LASALLE HOTEL **Labor Relations**  
Century Room *Joint Session: I.R.R.A., A.A.L.S.*

*Chairman:* William M. Leiserson, Washington, D. C.



Friday

*Papers:* TAFT-HARTLEY ACT PHILOSOPHY AS A BASIS FOR WARTIME LABOR POLICY  
Charles O. Gregory, University of Virginia

THE EMERGENCY DISPUTE PROVISIONS OF THE TAFT-HARTLEY ACT  
Sylvester Garrett, Stanford University

*Discussants:* Isadore Katz, Textile Workers Union of America - C.I.O.  
Joseph Loftus, Washington Correspondent, New York Times  
Dexter Keezer, McGraw-Hill Company

**4:00 P.M.** Agricultural Commodity Production and Marketing Statistics  
**CONGRESS HOTEL** Gold Room  
*Joint Session: A.S.A., A.F.E.A.*

*Chairman:* Holbrook Working, Stanford University

*Papers:* MEASURING MAGNITUDES AND TRENDS IN THE PRODUCTION OF LIVESTOCK AND MEAT  
A. V. Nordquist, U.S. Department of Agriculture

STATISTICS IN THE MEAT PACKING INDUSTRY  
R. J. Eggert, American Meat Institute

*Discussion:* L. J. Norton, University of Illinois

**4:00 P.M.** Reorganization of United States Statistics on Shipping and Foreign Trade  
**CONGRESS HOTEL** Parliament Room  
*American Statistical Association*

*Chairman:* Donald C. Riley, Division of Statistical Standards

*Papers:* INTEGRATION OF THE SHIPPING AND FOREIGN TRADE STATISTICS OF UNITED STATES GOVERNMENT AGENCIES  
J. A. Lynn, Division of Statistical Standards

ADAPTING FOREIGN TRADE STATISTICS TO CHANGING NEEDS  
J. Edward Ely, Bureau of the Census

STATISTICS IN RELATION TO MARITIME PROBLEMS  
William B. Harmon, Maritime Administration

USUAL AND UNUSUAL APPLICATIONS OF WATERWAY STATISTICS  
W. A. C. Connelly, Department of the Army

Friday

*Discussion:* Theodore J. Kreps, Joint Committee on the Economic Report  
David L. Glickman, Port of New York Authority

**4:00 P.M.** R. A. Fisher Survey  
**CONGRESS HOTEL** *Joint Session: A.S.A., I.M.S.*  
**Florentine Room**

*Chairman:* Gertrude Cox, University of North Carolina

*Speakers:* W. J. Youden, National Bureau of Standards  
Harold Hotelling, University of North Carolina

**4:00 P.M.** Statistics in the Social and Welfare Services  
**CONGRESS HOTEL** *American Statistical Association*  
**Pine Room**

*Chairman:* Edward T. Frankel, Health and Welfare Federation of Allegheny County

*Papers:* STATISTICAL SERIES OF VOLUME OF SERVICES AND EXPENDITURES OF SOCIAL SERVICE AGENCIES  
Ralph G. Hurlin, Russell Sage Foundation

MEASUREMENT OF RELATIVE NEEDS OF GEOGRAPHIC UNITS FOR SOCIAL SERVICES  
Bertram J. Black, Jewish Board of Guardians

SOME USES OF STATISTICAL TECHNIQUES IN PLANNING HEALTH AND WELFARE PROGRAMS  
Edward B. Olds, Social Planning Council, St. Louis

*Discussion:* Esther Moore, Community Chests and Councils of America  
Ellery F. Reed, Community Chest of Cincinnati and Hamilton County  
Lillian Ripple, Welfare Council of Metropolitan Chicago

**4:00 P.M.** Measurement of Opinion  
**ROOSEVELT COLLEGE** *Joint Session: A.S.A., A.M.A., I.M.S., A.P.A., P.S.*  
**Room 785**

*Chairman:* Samuel A. Stouffer, Harvard University

*Papers:* A NEW APPROACH TO THURSTONE'S METHOD OF SCALING  
Frederick Mosteller, Harvard University

Friday

A CRITICAL ANALYSIS OF GUTTMAN'S THEORY OF PRINCIPAL COMPONENTS IN ATTITUDE MEASUREMENT

Philip J. McCarthy, Cornell University

IMPLICATIONS FOR FACTOR ANALYSIS OF LAZARSFELD'S LATENT STRUCTURE THEORY

Bert J. Green, Princeton University

*Discussion:* Paul F. Lazarsfeld, Columbia University

4:00 P.M. **Contributed Papers**

CONGRESS HOTEL *Joint Session: B.S. (ENAR), A.S.A.*  
English Walnut Room

*Chairman:* Robert Gage

*Contributors:* M. E. Morgan, P. MacLeod, C. I. Bliss, and  
E. O. Anderson  
Lyle D. Calvin  
F. E. Satterthwaite  
Walter T. Federer

4:00 P.M. **Econometric Methods in Agricultural Research**

PALMER HOUSE *Joint Session: E.S., A.F.E.A.*  
Crystal Room

*Chairman:* George Mehren, University of California

*Papers:* AN ECONOMETRIC ANALYSIS OF THE FEEDER  
CATTLE MARKET  
Sam H. Thompson, Iowa State College

APPLICATION OF ECONOMETRICS IN A STUDY  
OF BURLEY TOBACCO PRODUCTION CON-  
TROLS AND PRICE SUPPORTS

Glenn L. Johnson, University of Kentucky

*Discussion:* R. L. Anderson, North Carolina State Col-  
lege  
William H. Nicholls, Vanderbilt University

4:00 P.M. **Contributed Papers - III**

CONGRESS HOTEL *Institute of Mathematical Statistics*  
Parlors A and B

*Chairman:* O. Kempthorne, Iowa State College

*Contributors:* Z. W. Birnbaum and Paul L. Meyer, Uni-  
versity of Washington  
S. Kullback, George Washington University,  
and R. A. Leibler, Washington, D. C.

Friday

H. Raiffa, G. L. Thompson, and R. M.  
Thrall, University of Michigan

T. W. Anderson, Columbia University, and  
D. A. Darling, University of Michigan

Edwin G. Olds, Carnegie Institute of Tech-  
nology

Robert E. Bechhofer, Columbia University

Elizabeth L. Scott, University of California

R. R. Bahadur, University of Chicago

J. Neyman and C. Stein, University of Cali-  
fornia

Michel Loève, University of California

D. B. Duncan, Virginia Polytechnic Institute

4:30 P.M.

PALMER HOUSE  
Room 14

**Annual Business Meeting**

*American Economic Association*

6:00 P.M.

CONGRESS HOTEL and Council  
English Walnut Room

**Dinner and Meeting of the Incoming Board**

*American Statistical Association*

8:00 P.M.

PALMER HOUSE  
Red Lacquer Room

**Government Action or Private Enterprise in  
River Valley Development**

*American Economic Association*

*Chairman:* Philip Neff, University of California at Los  
Angeles

*Papers:* THE ENGINEER'S CONCEPTION OF SOUND  
NATIONAL WATER POLICY  
W. W. Horner, Consulting Engineer, St.  
Louis

A PUBLIC ADMINISTRATOR'S VIEW  
Paul J. Raver, Bonneville Power Adminis-  
tration

AN ECONOMIST'S VIEW  
Benjamin U. Ratchford, Duke University

*Discussion:* Joseph S. Ransmeier, Dartmouth College  
Dean Russell, Foundation for Economic Edu-  
cation

Friday

8:00 P.M.  
PALMER HOUSE  
Room 17

Differential Economic Progress: Some Cases,  
Comparisons, and Contrasts  
*American Economic Association*

Chairman: Carter Goodrich, Columbia University

Papers: JAPAN VERSUS "ASIA"  
Daniel H. Buchanan, University of North  
Carolina

LATIN AMERICA VERSUS U.S.A.  
Sanford A. Mosk, University of California

REGIONAL DIFFERENCES WITHIN THE U.S.  
John V. Van Sickle, Wabash College

Discussion: Martin Bronfenbrenner, University of Wis-  
consin  
Joseph L. Fisher, Council of Economic Ad-  
visers

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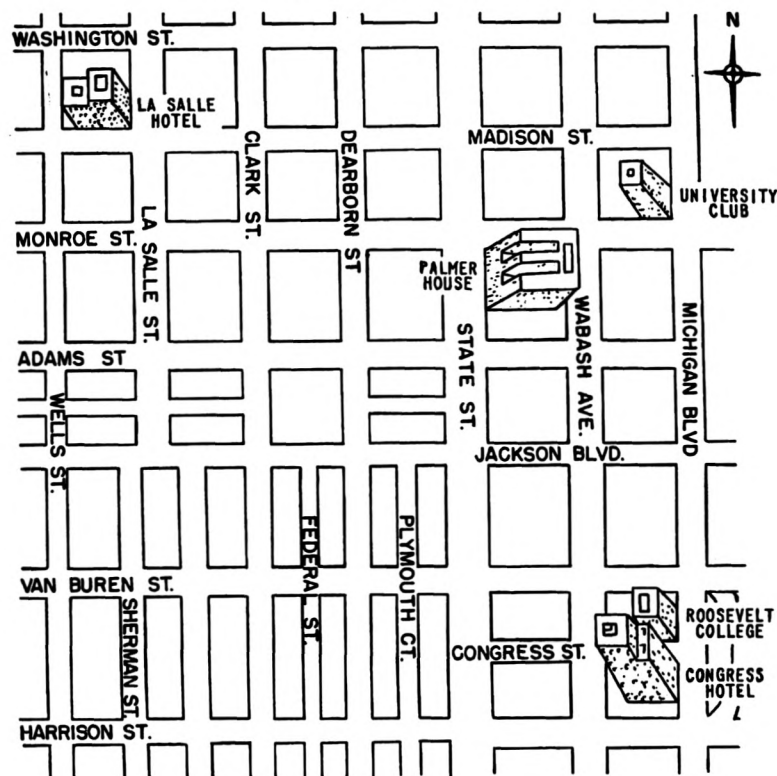
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### Meeting Places

Palmer House — State and Monroe Streets

Congress Hotel — 520 South Michigan Avenue

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Roosevelt College — 431 South Wabash Avenue

University Club — 76 East Monroe Street

Consult pages 7, 8 and 9 for list of breakfasts, luncheons,  
tours, and other special events which are not included in the  
official program.

SATURDAY

## SUMMARY OF SATURDAY MEETINGS

9:30 A.M.

Modern Industrialism and Human Values  
(AEA)

Economics in General Education (AEA)

Farm Problems: II. Agricultural Price  
Support (AEA)

10:00 A.M.

Welfare Economics (ES, AEA)

12:00 Noon

Luncheon Meeting of the Executive Com-  
mittee (AEA)

NOTE: Consult following pages for detail. All sessions are two hours in length unless otherwise indicated.

## SCHEDULE OF MEETINGS

Saturday, December 30, 1950

9:30 A.M.            **Modern Industrialism and Human Values**  
**PALMER HOUSE**        *American Economic Association*  
**Red Lacquer Room**

*Chairman:* Edwin E. Witte, University of Wisconsin

*Papers:* INTERNATIONAL DISPARITIES ON CONSUMPTION LEVELS  
Merrill K. Bennett, Stanford University

INDUSTRIALISM AND CULTURE VALUES  
Harold A. Innis, University of Toronto

DEFENSE AND OPULENCE: THE ETHICS OF INTERNATIONAL RELATIONS  
Kenneth E. Boulding, University of Michigan

*Discussion:* Carl F. Taeusch, St. Louis University  
Walter A. Weisskopf, Roosevelt College  
Broadus Mitchell, Rutgers University

9:30 A.M.            **Economics in General Education (Round table**  
**PALMER HOUSE**        **discussion of Report of Committee on the Teach-**  
**Room 17**                **ing of Elementary Economics)**  
*American Economic Association*

*Chairman:* Harry D. Gideonse, Brooklyn College

*Leaders:* Laurence E. Leamer, University of Chicago  
Albert Lauterbach, Sarah Lawrence College

*Discussion:* Horace Taylor, Columbia University  
Ben W. Lewis, Oberlin College

9:30 A.M.            **Farm Problems: II. Agricultural Price Support**  
**PALMER HOUSE**        **Joint Session: A.E.A., A.F.E.A.**  
**Room 18**

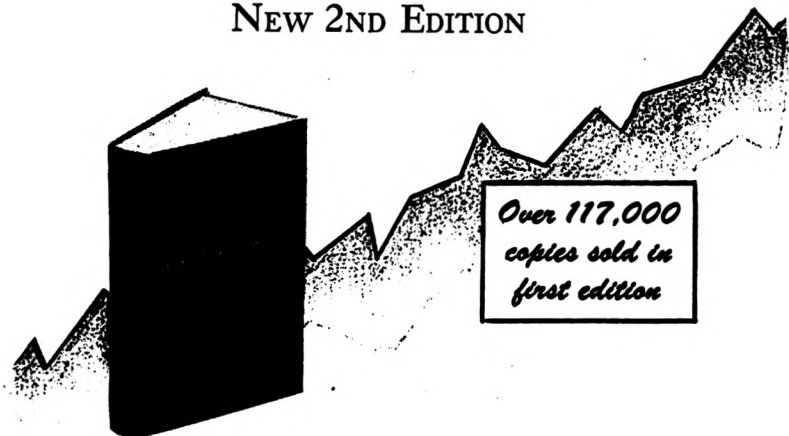
*Chairman:* Theodore W. Schultz, University of Chicago

*Paper:* COMPARATIVE COSTS OF AGRICULTURAL PRICE SUPPORT PLANS AND CERTAIN POLICY IMPLICATIONS  
George Mehren, University of California

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Saturday

*Discussion:* John D. Black, Harvard University  
O. H. Brownlee, University of Minnesota  
Don S. Anderson, Production and Marketing  
Administration  
W. W. Cochrane, Pennsylvania State College

10:00 A.M.  
PALMER HOUSE  
Room 14

**Welfare Economics**  
*Joint Session: E.S., A.E.A.*

*Chairman:* Paul A. Samuelson, Massachusetts Institute  
of Technology

*Paper:* RECENT DEVELOPMENTS IN WELFARE ECO-  
NOMICS  
Tibor Scitovsky, Stanford University

*Discussion:* William J. Baumol, Princeton University  
James N. Morgan, University of Michigan  
Melvin W. Reder, Stanford University  
Robert H. Strotz, Northwestern University

12:00 Noon  
PALMER HOUSE  
Room 3

**Luncheon Meeting of the Executive Committee**  
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## LIST OF EXHIBITORS AT THE CONGRESS HOTEL

*(Foyer of the Casino Room)*

The Dartnell Corporation  
Frieden Calculating Machine  
Company  
Industrial Surveys Company,  
Inc.  
Richard D. Irwin, Inc.  
McGraw-Hill Book Company  
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