

1955
program
of
annual meetings

Economic and Allied Social Science
Associations

American Economic Association
American Statistical Association
American Finance Association
Industrial Relations Research Association
American Marketing Association
American Farm Economics Association
Econometric Society
Institute of Mathematical Statistics
Biometric Society
American Association of University
Teachers of Insurance

holding joint meetings with

Regional Science Association
New York Society of Security Analysts
Catholic Economic Association

NEW YORK CITY

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KEY TO ABBREVIATIONS

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

A.E.A. — American Economic Association

A.S.A. — American Statistical Association

A.F.A. — American Finance Association

I.R.R.A. — Industrial Relations Research Association

A.M.A. — American Marketing Association

A.F.E.A. — American Farm Economic Association

E.S. — Econometric Society

I.M.S. — Institute of Mathematical Statistics

B.S. — Biometric Society; E.N.A.R. — East North American Region

A.A.U.T.I. — American Association of University Teachers of Insurance

R.S.A. — Regional Science Association

N.Y.S.S.A. — New York Society of Security Analysts

GENERAL INFORMATION

This joint program contains a listing of meetings for all the Allied Social Science Associations meeting in New York this year, as well as the program for the Catholic Economic Association and The Academy of Management.

Hotel headquarters

The Hotel Commodore is the headquarters for the American Economic Association, the American Finance Association, the Econometric Society, and the American Farm Economic Association. The Hotel Biltmore is the headquarters for the American Statistical Association, the Institute of Mathematical Statistics, the Biometric Society, the Regional Science Association, and the New York Society of Security Analysts. The Hotel Roosevelt is the headquarters for the American Marketing Association, American Association of University Teachers of Insurance, the Industrial Relations Research Association, and the Catholic Economic Association. The Academy of Management meets at Columbia University. A map of the position of the various hotels in relation to the Grand Central Station is shown in this program; the map also shows the Pennsylvania Station, as well as a number of places where some meetings are scheduled. All the three major hotels have a direct subterranean connection with the Grand Central Station. It is therefore possible to move from one hotel to another through this connection without going outside.

Arrangement of printed program

Several innovations have been made in the program this year. The integrated program contains all scientific meetings of the participating associations, in numbered chronological order. This number will be used as identification for two indices. The first index is an index of participants, and the second index is a subject index. Meetings for which attendance is invitational, such as meetings of governing bodies of individual associations, and social events are listed separately. Business meetings are listed both in the body of the program and separately. In the listings of joint meetings, the names of the associations have been abbreviated, and a key for the abbreviations is supplied on page ii.

Registration

Registrants are entitled to attend all open meetings of the participating associations without any additional charge. Tickets for luncheon or dinner meetings for which a charge is made may be purchased at the information booth in any of the three hotels. The registration desk at the Hotel Commodore is located on the Mezzanine; at the Biltmore, in the Empire Room; and at the Roosevelt, in the Palm Oval; all registration desks open daily at 8:30 a.m.

Information and messages

A booth is set up in each hotel near the registration desk for information and as a message center. In addition, tickets for all fee events will be on sale at each booth. A list of all out-of-town registrants, indicating the hotel at which they are staying and their room number, will be posted at each of the three information desks on Wednesday afternoon. Supplemental lists will become available Thursday and Friday. Any material available for general distribution may be obtained at the information booths.

Employment desk

An employment desk will be operated at the Hotel Commodore, under arrangements with the United States Employment Service and the New York State Employment Service. It is located in Parlor A on the Ballroom floor. This desk will serve solely the members of the Allied Social Science Associations. The procedure worked out by the Employment Committee is aimed at more effective aid of members in finding new positions and to universities and other employers in securing new staff members. The employment desk will open Tuesday at 9 a.m., and all interested members or employers desiring to fill openings are urged to contact it as soon as they register. All members of the Allied Social Science Associations who have already applied for positions with their local offices, or employers who have placed orders to fill openings in their organizations, in order to activate their files during the meetings, should notify the Employment Office at the Hotel Commodore as soon as they have obtained a room. The room number must be given to facilitate contact. Members who did not file at local offices may still file at the employment desk, either applications for positions or orders to fill openings. If an applicant belongs to more than one association, he need only file one application. Each applicant for a position must file the standard application form ES-564 (which will be supplied at the employment desk) and a brief resume. If placement is not effected at the meetings, all papers will be returned to the local or regional offices where placement efforts will continue.

Exhibits and advertisements

The book exhibit of the American Economic Association is in the Main Ballroom Foyer of the Commodore. The American Statistical Association equipment and publications exhibit is in the Fountain Room of the Biltmore, and that of the American Marketing Association in the Ballroom of the Roosevelt. Members are invited to visit all exhibits.

Press room

The Convention Press Headquarters are at the Hotel Commodore, Parlor F. This room is for the convenience of the press only and delegates should abstain from visiting it. There is also a ASA Press room in the Biltmore.

Special events

The New York Visitors Bureau will make available free tickets to several television shows. Tours of the Federal Reserve Bank of New York and the New York Stock Exchange are being arranged by the American Finance Association for several different hours on December 28 and 29. Registrants wishing to tour one or both institutions should sign up in advance at the information desk in either the Commodore or Biltmore Hotel. Other entertainment is under consideration for which information may be obtained at the information booths.

Convention headquarters

The headquarters of the Joint Committee on Local Arrangements are located at the Hotel Commodore, Parlor G. The headquarters of Associations meeting at the Biltmore are in the Empire Room of that hotel. The headquarters of the I.R.R.A. are in the Roosevelt Room of the Hotel Roosevelt.

LOCAL ARRANGEMENTS CHAIRMEN

AMERICAN ECONOMIC ASSOCIATION

GEORGE GARVY, Federal Reserve Bank of New York

AMERICAN STATISTICAL ASSOCIATION

FRANCIS MCINTYRE, California Texas Oil Co., Ltd.

AMERICAN FINANCE ASSOCIATION

MADELINE MCWHINNEY, Federal Reserve Bank of New York

INDUSTRIAL RELATIONS RESEARCH ASSOCIATION

LLOYD H. BAILER

AMERICAN MARKETING ASSOCIATION

A. EDWARD MILLER, Life Magazine

AMERICAN FARM ECONOMIC ASSOCIATION

W. MARSHALL CURTISS, Foundation for Economic Education, Inc.

ECONOMETRIC SOCIETY

SIDNEY E. ROLFE, C.I.T. Financial Corp.

INSTITUTE OF MATHEMATICAL STATISTICS

MILTON V. JOHNS, Jr., Columbia University

BIOMETRIC SOCIETY

A. E. BRANDT, Atomic Energy Commission

AMERICAN ASSOCIATION OF UNIVERSITY TEACHERS OF INSURANCE

VICTOR GERDES, Association of Casualty and Surety Companies

REGIONAL SCIENCE ASSOCIATION

ROBERT LINDSAY, Federal Reserve Bank of New York

CATHOLIC ECONOMIC ASSOCIATION

JAMES J. MCGINLEY, Fordham University

JOINT ARRANGEMENTS COMMITTEE

Chairman	George Garvy	Secretary	Kenneth M. Wright
Vice-Chairman (Biltmore)		Printed Program	Henry Steinhaus
	Francis McIntyre	Registration	Louis Winnick
Vice-Chairman (Commodore)		Public Relations.....	Thomas O. Waage
	Sidney E. Rolfe	Employment Register.....	Hobart C. Carr
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SUMMARY OF TUESDAY MEETINGS

Meeting No.

- 1 8 a.m. Market Research Committee (AMA)
 9 a.m. Contributed Papers (IMS)
- 9:45 a.m. National Industrial Marketing Committee (AMA)
- 10 a.m. Company Membership Committee (AMA)
 National Conference Committee (AMA)
- 2 11 a.m. Probability and Statistics in Genetics (IMS, BS)
 National Membership Committee (AMA)
- 3 12 Noon Luncheon: Stock Market Outlook (ASA, NYSSA)
 Luncheon: Business Meeting, Section on Social Statistics
 (ASA)
- 4 1:15 p.m. Luncheon: Meeting (AMA)
- 5 2 p.m. Stock Market Outlook—The Future of Some Industries
 (ASA, NYSSA)
- 6 Measurement of Manufacturing Activity on an Industry
 Basis (ASA)
- 7 Adequacy of Public Benefit Programs (ASA)
- 8 Financial Institutions and Inter-Relationships
 (AFA, ASA)
- 9 Contributions of M. A. Girshick to Mathematical
 Statistics (IMS, ASA)
- 10 2:30 p.m. Industrial Marketing Potentials (AMA)
- 11 Marketing and the Behavioral Sciences (AMA)
- 12 Regional Science: Nature and Scope (RSA)
- 13 4 p.m. Recent Developments in Mathematical Programming
 (ES)
- 14 The Factor of Promptness in Current Economic
 Statistics (ASA)
- 15 Components of Variance (ASA, IMS)
- 16 Extreme Value Theory (IMS)
- 5 p.m. 1955 Council Meeting (IMS)
- 5:30 p.m. Nominating Committee (AMA)
 Agricultural Marketing Committee (AMA)
- 7:30 p.m. Meeting, Board of Directors (AFA)
- 17 8 p.m. The Application of Electronic Computers to Economic
 Statistics (ASA, ES)
- 18 Smoking and Cancer (ASA)
- 19 Changes in the Quality of Credit (AFA, ASA)
- 20 Contributed Papers (RSA)

SCHEDULE OF MEETINGS

Tuesday, December 27, 1955

9—11 a.m.
Biltmore Hotel
Cafe Moderne

1. **Contributed Papers I**
Institute of Mathematical Statistics
Chairman: ROSEWITH SITGREAVES,
Columbia University

11 a.m.—1 p.m.
Biltmore Hotel
Cafe Moderne

2. **Probability and Statistics in Genetics**
Joint Session: I.M.S., B.S.
Chairman: OSCAR KEMPTHORNE,
Iowa State College
Some Problems of Stochastic Processes in Genetics.
M. KIMURA, University of Wisconsin
Estimation of Parameters in Genetic Models.
HOWARD LEVENE, Columbia University
Sequential Tests for Detection of Linkage in Man.
NEWTON E. MORTON, University of Wisconsin

12 Noon
Biltmore Hotel
Bowman Room

3. **Stock Market Outlook — Luncheon**
Joint Session: A.S.A., N.Y.S.S.A.
Chairman: NATHAN BOWEN, New York Society of
Security Analysts
Railroads and the Stock Market. PIERRE R. BRETEY,
Hayden Stone
The Future of Security Prices. SHELBY CULLOM
DAVIS, Shelby Cullom Davis & Co.
The Economic Background of Stock Market Prices.
ROBERT J. WILKES, Scudder, Stevens & Clark
The Future of Certain Groups of Security Prices.
RICHARD LAMBOURNE, Dodge & Cox

12 Noon
Biltmore Hotel
Vanderbilt Suite

- Business Meeting — Luncheon**
American Statistical Association, Social Statistics
Section

1:15—2:30 p.m.
Roosevelt Hotel
Grand Ballroom

4. **Luncheon**
American Marketing Association
Speaker: HENRY SCHACHTE, Lever Bros.

Tuesday

2 p.m.

Biltmore Hotel
Bowman Room

5. Stock Market Outlook: The Future of Some Industries

Joint Session: A.S.A., N.Y.S.S.A.

Chairman: LAWRENCE KAHN, A. G. Becker & Co.

Retail Trade. JOSEPH GALANIS, R. L. Day & Co.

Chemicals. JOHN F. BOHMFALK, Clark, Dodge & Co.

Oils and Light Metals. JOHN SPURDLE,
Dominick & Dominick

The Impact of Taxes on Industry. WALTER
MAYNARD, Shearson, Hammill & Co.

2—4 p.m.

Biltmore Hotel
The Ballroom

6. Measurement of Manufacturing Activity on an Industry Basis

American Statistical Association

Chairman: WALTER F. RYAN,

Office of Statistical Standards

Statement of Criticisms of Industry Data and Summary of Changes Incorporated in Presentation of Industry Data in the 1954 Census of Manufactures.

MAXWELL R. CONKLIN, Bureau of the Census

Discussion:

SOLOMON FABRICANT, New York University

LUDWIG S. HELLBORN, General Motors Corp.

M. A. ADELMAN, Massachusetts Institute of Technology

W. DUANE EVANS, Bureau of Labor Statistics

V. S. KOLESNIKOFF, Office of Statistical Standards

2—4 p.m.

Biltmore Hotel
The Ballroom

7. Adequacy of Public Benefit Programs

American Statistical Association

Chairman: EWAN CLAGUE,

Bureau of Labor Statistics

Adjustments of Families to Income Reverses.

DOROTHY BRADY and PAUL KERSCHBAUM, Bureau of Labor Statistics

Some Recent Studies of Benefit Adequacy.

PHILIP BOOTH, Bureau of Employment Security,
and ALVIN DAVID, Bureau of Old-Age and Survivors Insurance

Long Term Principles of Adequacy — A Prognosis.

WILBUR COHEN, U. S. Department of Health, Education, and Welfare

Tuesday

Discussion:

KARL SCHLOTTERBECK, U.S. Chamber of Commerce

LAZARE TEPER, International Ladies Garment Workers' Union

2—4 p.m.

Commodore Hotel
East Ballroom

8. Financial Institutions and Inter-Relationships

Joint Session: A.F.A., A.S.A.

Chairman: ROBERT V. ROOSA,
Federal Reserve Bank of New York

Financial Intermediaries and the Savings-Investment Process. EDWARD S. SHAW and JOHN G. GURLEY,
The Brookings Institution

Treasury Borrowing in Relation to Institutional Savings. R. DUANE SAUNDERS, U. S. Treasury Department

Discussion:

LEROY M. PISER, Aubrey G. Lanston & Company
PAUL W. McCracken, University of Michigan

2—4 p.m.

Biltmore Hotel
Music Room

9. Contributions of M. A. Girshick to Mathematical Statistics

Joint Session: I.M.S., A.S.A.

Chairman: HENRY SCHEFFE,
University of California

Multivariate Analysis. HAROLD HOTTELING, University of North Carolina

Sequential Analysis. EDWARD PAULSON, Queens College, New York City

Decision Theory. DAVID BLACKWELL, University of California

2:30—5 p.m.

Roosevelt Hotel
Vanderbilt 3-4-5

10. Industrial Marketing Potentials

American Marketing Association

Chairman: DONALD R. LONGMAN,
Atlantic Refining Company

Respondents Unlimited. RICHARD E. BOOTH, P. R. Mallory & Co., Inc.

Determining Market Potentials Through the Use of Secondary Data. WARREN HARDY, The Norton Company

The Use of Mail Questionnaires in Developing Potentials on Industrial Products. ROBERT O. FERNALD, National Lead Company

(Program of Meeting No. 10 continues on next page)

Tuesday

Using the Census Method in Determining Market Potentials. DONALD E. STEWART, U. S. Steel Corp.

2:30—5 p.m.

Roosevelt Hotel
Grand Ballroom

11. Marketing and the Behavioral Sciences

American Marketing Association

Chairman: GEORGE H. BROWN,
Ford Motor Co.

Population Migration—Who's Moving Where, and Its Meaning to Marketing People. HOWARD BRUNSMAN, Bureau of the Census

Who is the Salesman? RAY MACK, Northwestern University

Basic Research in Consumer Behavior. MICHAEL HALPERT, Alderson & Sessions, Inc.

2:30 p.m.

Biltmore Hotel
Vanderbilt Suite

12. Regional Science: Nature and Scope

Regional Science Association

Chairman: ROBERT D. CALKINS,
The Brookings Institution

Regional Science and Regional Structure. WALTER ISARD, Massachusetts Institute of Technology

The Dimensions of Regional Science. MORRIS E. GARNSEY, University of Colorado

Discussion:

ARTHUR A. MAASS, Harvard University

GUY FREUTEL, Federal Reserve Bank of St. Louis

DANIEL O. PRICE, University of North Carolina

ROBERT S. PLATT, University of Chicago

4 p.m.

Commodore Hotel
West Ballroom

13. Recent Developments in Mathematical Programming

Econometric Society

Chairman: GEORGE DANTZIG

The Maximal Flow Through a Network. LESTER FORD, Jr., The Rand Corporation

Quadratic Programming. ROBERT DORFMAN, Harvard University, and EDWARD BARANKIN, University of California

Solution of Linear Programming Problems Requiring Integer Values. HARRY MARKOWITZ and ALLAN MANNE, The Rand Corporation

Discussion: KENNETH ARROW, Stanford University

Tuesday

4—6 p.m.
Biltmore Hotel
Music Room

14. The Factor of Promptness in Current Economic Statistics

American Statistical Association

Chairman: LOUIS J. PARADISO, U. S. Department of Commerce

An Appraisal of the Speed-Up Program. CAREY P. MODLIN, Jr., Office of Statistical Standards

Weekly Business Statistics. LEONARD LEMPERT, Statistical Indicator Association

Discussion:

CLAYTON GEHMAN, Board of Governors of the Federal Reserve System

SEYMOUR WOLFBEIN, Bureau of Labor Statistics

FREDERICK M. CONE, Export-Import Bank

4—6 p.m.
Biltmore Hotel
Biltmore Suite

15. Components of Variance

Joint Session: A.S.A., I.M.S.

Chairman: C. W. DUNNETT,
American Cyanamid Co.

Components of Variance, Finite Populations, and Statistical Inference. H. F. SMITH, North Carolina State College

Expected Values of Mean Squares in the Analysis of Variance. C. A. BENNETT, General Electric Co.

Non-Additivity in a Latin Square Design. M. B. WILK and O. KEMPTHORNE, Iowa State College

4—6 p.m.
Biltmore Hotel
Cafe Moderne

16. Extreme Value Theory

Institute of Mathematical Statistics

Chairman: SEBASTIAN B. LITTAUER, Columbia University

Statistical Theory of Fatigue Failure. E. J. GUMBEL, Columbia University

On the Problem of Forecasting Extreme Values from a Curve Fitted to the Type I Extreme Value Distribution. BRADFORD F. KIMBALL, New York State Public Service Commission

Developments in the Application of Extreme Value Theory. JULIUS LIEBLEIN, National Bureau of Standards

Discussion:

BENJAMIN EPSTEIN, Wayne University

H. C. S. THOM, Advisory Committee on Weather Control

Tuesday

8—10 p.m.
Commodore Hotel
West Ballroom

17. The Application of Electronic Computers to Economic Statistics

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

Chairman: SOLOMON FABRICANT, New York University

The Processing of the 1954 Censuses of Business and Manufacturers. JOSEPH F. DALY and MORRIS H. HANSEN, Bureau of the Census

Seasonal Adjustments by Census Methods I and II. JULIUS SHISKIN and HARRY EISENPRESS, Bureau of the Census

Discussion:

W. DUANE EVANS, Bureau of Labor Statistics

ARTHUR L. BROIDA, Board of Governors of the Federal Reserve System

OSKAR MORGENSTERN, Princeton University

8—10 p.m.
Biltmore Hotel
The Ballroom

18. Smoking and Cancer

American Statistical Association

Chairman: HAROLD DORN, National Institute of Health

Study of Association Between Smoking and Cancer. JOSEPH BERKSON, Mayo Clinic

Consideration of Some Statistical Aspects. E. CUYLER HAMMOND, American Cancer Society

Discussion: JERZY NEYMAN, University of California

8—10 p.m.
Commodore Hotel
East Ballroom

19. Changes in the Quality of Credit

Joint Session: A.F.A., A.S.A.

Chairman: WESLEY LINDOW, Irving Trust Company

Corporate Bond Quality and Investor Experience. W. BRADDOCK HICKMAN, National Bureau of Economic Research

Changes in the Quality of Bank Credit. DONALD S. THOMPSON, Federal Reserve Bank of Cleveland

Discussion:

LESTER V. CHANDLER, Princeton University

JAMES J. O'LEARY, Life Insurance Association of America

Tuesday

8 p.m.

Biltmore Hotel
Biltmore Suite

20. Contributed Papers

Regional Science Association

Chairman: LOUIS B. WETMORE

The Spatial and Interregional Framework of the United States Economy: An Historical Perspective.
DOUGLASS C. NORTH, University of Washington

Location Factors in Synthetic Fibre Production.
JOSEPH AIROV, Emory University

Measuring the Economic Base. CHARLES L. LEVEN,
Federal Reserve Bank of Chicago

Some Needed Improvements in Regional Income Estimation Procedures. JOHN H. CUMBERLAND,
University of Maryland

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- *To be Published—*

MODERN REAL ESTATE PRACTICE: A Managerial Approach, by Fred E. Case. Real estate principles translated into practice. With cases. *app.* 512 pp.; *Teacher's Manual*; Coming in January.

MODERN INTERNATIONAL COMMERCE, by Edward E. Pratt. A *practical* treatment of principles applied in the conduct of foreign trade. *app.* 704 pp.; *Instructor's Manual*; April, 1956.

OFFICE MANAGEMENT, by Charles B. Hicks and Irene Place. Office work from management viewpoint; identifies problems; gives suggestions for increased effectiveness. *app.* 528 pp.; *Instructor's Manual*; Coming in April, 1956.

... and Coming in March

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SUMMARY OF WEDNESDAY MEETINGS

Meeting No.

- | | | |
|----|------------|---|
| | 7:30 a.m. | AAUTI: CLU-CPCU—Breakfast |
| | 8 a.m. | Editorial Board (AFA)—Breakfast |
| | 8:30 a.m. | Chapter Presidents, Secretaries and Dist. Representatives (ASA)—Breakfast |
| 21 | | The Standard Industrial Classification in Industrial Marketing (AMA) |
| 22 | | Marketing Strategy (AMA) |
| 23 | | Consumer Expenditure Studies (ASA) |
| 24 | | Enrollments and Financial Problems in Higher Education (ASA) |
| 25 | 9 a.m. | Contributed Papers II (IMS) |
| 26 | | Teaching Social Insurance (AAUTI) |
| 27 | 9:30 a.m. | The Variable Annuity (AFA) |
| 28 | | Major Trends in American Trade-Union Development, 1933-1955 (IRRA) |
| 29 | | State and Federal Jurisdiction in Labor Relations (IRRA) |
| 30 | | Bioassay (BS, ASA) |
| 31 | | Basic Interrelations in Regional Development (RSA) |
| | 10 a.m. | Meeting of Outgoing Executive Committee (AEA) |
| | | Teaching of Marketing Research (AMA) |
| 32 | 10:15 a.m. | The Place of the College Graduate in the Insurance Business (AAUTI) |
| 33 | 10:30 a.m. | Social Expenditures in National Budgets (ASA) |
| 34 | | Statistical Training in Industry (ASA) |
| 35 | | Life-Testing (ASA) |
| 36 | 11 a.m. | Statistical Studies of Accident Proneness (IMS, BS) |
| 37 | | Consumer Product Tests (AMA) |
| 38 | 12 Noon | The Economic Outlook (ASA, AEA)—Luncheon |
| | 12:30 p.m. | Executive Committee (AEA)—Luncheon |
| 39 | 12:45 p.m. | The Variable Annuity (AAUTI)—Luncheon |
| 40 | 1.30 p.m. | Automation (AMA)—Luncheon |
| 41 | 2 p.m. | The Changing Industrial Structure of the U. S. A. (ASA) |
| 42 | | Major Developments in the Federal Statistical Program (ASA) |
| 43 | | Rietz Lecture (IMS) |
| | | Business Meeting, Section on Physical and Engineering Sciences (ASA) |
| 44 | 2:30 p.m. | Life Insurance in Its New Competitive Frame (AAUTI) |
| 45 | | The Pure Theory of Public Expenditure (ES, AEA) |
| 46 | | Economic Growth I (AEA) |
| 47 | | Publication Problems in the Field of Economics (AEA) |
| 48 | | The Resources and Performance of Soviet Agriculture (AFEA) |
| 49 | | The Changing Patterns of Competition in Transportation and other Public Utility Lines (AEA) |
| 50 | | Basic Research Problems of the Urban Metropolitan Region (RSA) |

Summary of Wednesday Meetings, Continued

Meeting No.

- 51 The Economic Potentials of Latin America (AEA)
52 Mortgage Credit in Perspective (AFA)
53 Contributions and Needs of Company Research in
Industrial Relations (IRRA)
54 German Experience With Codetermination (IRRA)
55 Unemployment Compensation in a Private Enterprise
Economy (IRRA)
56 2:30 p.m. Interpretation of Genetic Data (BS, ASA)
57 2:45 p.m. A Sample Seminar in Industrial Marketing (AMA)
58 Measurement of Brand Loyalty (AMA)
3 p.m. Committee on Techniques of Marketing (AMA)
59 3:45 p.m. Turmoil in the Marketing Place (AMA)
60 4 p.m. Acceptance Sampling Plans (IMS)
61 Applications in Analytical Chemistry (ASA)
62 Contributed Papers (ES)
4:30 p.m. Annual Business Meeting (AAUTI)
5 p.m. Business Meeting (RSA)
Annual Meeting of Biometric Section (ASA)
Executive Board Meeting and Dinner (IRRA)
6 p.m. Business Meeting (IMS)
63 Dinner Meetings (AFEA)
7:30 p.m. Chapter Presidents Dinner (AMA)
7:45 p.m. Special Task Force on Awards (AMA)
64 8 p.m. Health Statistics—Polio Session (ASA)
65 Contributed Papers (RSA)
66 Labor Turnover and Help Wanted Advertising (ASA)
67 8:30 p.m. Economic Growth II (AEA)
68 Current Economic Thought and Its Application and
Methodology in Continental Europe (AEA)
69 Tariff Policy for the U.S.A. (AFEA, AEA)
70 Are Union Practices Monopolistic? (IRRA, AEA)
1956 Council Meeting (IMS)

SCHEDULE OF MEETINGS

Wednesday, December 28, 1955

- 8:30 a.m.**
Roosevelt Hotel
New England Room
- 21. The Standard Industrial Classification in Industrial Marketing**
American Marketing Association
Chairman: FRANCIS E. HUMMEL,
The Bassick Company
The Need for an Industrial Classification System.
NATHANIEL R. KIDDER, Technical Marketing Associates, Inc.
The SIC and Industrial Advertising. N. R. LADABOUCHE, Steel Magazine
Can the SIC Yield Accurate Marketing Data.
LUDWIG S. HELLBORN, General Motors Corp.
The SIC from the Viewpoint of the Census Bureau.
ROBERT W. BURGESS, Bureau of the Census
- 8:30—10:45 a.m.**
Roosevelt Hotel
Grand Ballroom
- 22. Marketing Strategy**
American Marketing Association
Chairman: DONALD M. HOBART,
Curtis Publishing Co.
-

FOR SECOND SEMESTER COURSES

Ross Robertson

History of the American Economy

A concise, readable, and up-to-date history from the Colonial period to the 1950's, with special emphasis on post-1921 developments. *Published May, 1955. 593 pages, \$5.75.*

FOR SPRING PUBLICATION

A. Smith Pond

Essential Economics

A down-to-earth introductory text which includes essential theory but stresses practical applications for the citizen.

HARCOURT, BRACE AND COMPANY

383 Madison Avenue, New York 17

Wednesday

Line Diversification—Promise or Pitfall (A Case Study). PARKER FRISSELLE, Dow Chemical Company

Basic Marketing Strategy Which Doubled Sales Volume. R. C. CONNELL, Norge Sales Corporation

Some New Patterns of Communication. ALEX BAVELAS, Massachusetts Institute of Technology

8:30—10:30 a.m.

Biltmore Hotel
Music Room

23. Consumer Expenditure Studies

American Statistical Association

Chairman: RUTH MACK,

National Bureau of Economic Research

Methodology and Appraisal. HELEN H. LAMALE,
Bureau of Labor Statistics

Progress Report: Wharton School Research Project.
IRWIN FRIEND, University of Pennsylvania

Discussion:

JOHN B. LANSING, Survey Research Center

JAY GOULD, Sales Management

8:30—10:30 a.m.

Biltmore Hotel
Biltmore Suite

24. Enrollments and Financial Problems in Higher Education

American Statistical Association

Chairman: G. KERRY SMITH,
National Education Assn.

Problems in Projecting Enrollments in Higher Education. HAROLD GOLDSTEIN, Bureau of Labor Statistics

Problems in Financing in Higher Education. E. V. HOLLIS, U. S. Department of Health, Education and Welfare

Estimating Prospective Enrollments in Southern States—A Case History. JOHN K. FOLGER, Southern Regional Education Board

Discussion:

PETER KLAUSEN, University of Illinois

9—11 a.m.
Biltmore Hotel
Cafe Moderne

25. Contributed Papers II

Institute of Mathematical Statistics

Chairman: M. V. JOHNS, Jr., Columbia University

Wednesday

- 9 a.m.**
Roosevelt Hotel
Vanderbilt 3-4-5
- 26. Formal Opening of Annual Meeting**
American Association of University Teachers of Insurance
Chairman: WILLIAM T. BEADLES,
Illinois Wesleyan University
Teaching Social Insurance as a Course in the Insurance Curriculum. EDISON L. BOWERS, Ohio State University
Discussion:
C. A. KULP, University of Pennsylvania
- 9:30 a.m.**
Commodore Hotel
West Ballroom
- 27. The Variable Annuity: Problems and Prospects**
American Finance Association
Chairman: GEORGE T. CONKLIN, Jr., The Guardian Life Insurance Company of America
Are Variable Annuities the Answer to Inflation?
M. ALBERT LINTON, Provident Mutual Life Insurance Co.
Variable Annuities. PAUL W. MCCracken, University of Michigan
Discussion:
CLAUDE L. BENNER, Continental American Life Insurance Company
WILLIAM C. GREENOUGH, Teachers Insurance and Annuity Association of America
GEORGE E. JOHNSON, Variable Annuity Life Insurance Company of America
DONALD B. WOODWARD, Vick Chemical Company
- 9:30 a.m.—12 Noon**
Roosevelt Hotel
Palm Room
- 28. Major Trends in American Trade Union Development, 1933-1955**
Industrial Relations Research Association
Chairman: MILTON DERBER, University of Illinois
Discussion:
DAVID SAPOSS, Harvard University
DAVID DOLNICK, Amalgamated Meat Cutters and Butcher Workmen of North America
WILLIAM B. BARTON, U.S. Chamber of Commerce
ARTHUR J. GOLDBERG, C.I.O.
- 9:30 a.m.—12 Noon**
Roosevelt Hotel
Palm Oval
- 29. State and Federal Jurisdiction in Labor Relations**
Industrial Relations Research Association
Chairman: HERBERT W. HALDENSTEIN,
Attorney, New York City

Wednesday

Discussion:

LOUIS SHERMAN, International Brotherhood of
Electrical Workers
PAUL HAYS, Columbia University
DAVID L. BENETAR, Attorney, New York City

9:30—11:30 a.m.

Biltmore Hotel
Stuyvesant Rooms

30. Bioassay

Joint Session: B.S., A.S.A.

Chairman: LLOYD C. MILLER, U. S. Pharmacopeia
*A Study of the Precision of Microbial Assays for
Vitamin B₁₂.* WILLIAM WEISS, H. EDELSON, and
H. W. LOY, Food and Drug Administration

*The Precision of Microbial Assays with Special Ref-
erence to Vitamin B₁₂.* C. I. BLISS, Connecticut
Agricultural Experiment Station and Yale Uni-
versity

A Slope-Ratio Liver-Storage Bioassay for Vitamin A.
STANLEY R. AMES, Distillation Products Industries

*The Assay of Rous Sarcoma Virus by Tumor Re-
sponse in Chickens.* W. RAY BRYAN, National In-
stitutes of Health

9:30 a.m.

Biltmore Hotel
Bowman Room

31. Basic Interrelations in Regional Development

Regional Science Association

Chairman: STEPHEN B. JONES, Yale University

*Development Problems in Light of Brazilian Expe-
rience.* STEFAN H. ROBOCK, Banco do Nordeste do
Brazil

Interrelations of Income and Industrial Structure.
HARVEY S. PERLOFF, Resources for the Future, Inc.

*Interrelations of Regional Structure and Political
Behavior.* VINCENT OSTROM, University of Oregon

Discussion:

PRESTON E. JAMES, Syracuse University
JOSEPH J. SPENGLER, Duke University
MAYNARD HUFSCHMIDT, Harvard University

Wednesday

10:15 a.m.
Roosevelt Hotel
Vanderbilt 3-4-5

32. The Place of the College Graduate in the Insurance Business

American Association of University Teachers of Insurance

Chairman: DAN M. MCGILL,
University of Pennsylvania

The Place of the College Graduate in Life Insurance Sales. CHARLES J. ZIMMERMAN, Life Insurance Agency Management Association

The Place of the College Graduate in Life Insurance Home Offices. HOLGAR J. JOHNSON, Institute of Life Insurance

The Place of the College Graduate in Property and Casualty Sales. GUY T. WARFIELD, American Institute for Property and Liability Underwriters

The Place of the College Graduate in Property and Casualty Insurance Home Offices. MILTON W. MAYS, The Continental Insurance Company

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Music Room

33. Social Expenditures in National Budgets

American Statistical Association

Chairman: WILL LISSNER, New York Times

Concept and Measurement of Social Expenditures. N. T. WANG, United Nations

The Statistician's Role in Allocating National Budget Expenditures. CANDIDO OLIVERAS, Commonwealth of Puerto Rico

Social Expenditures in the U. S. IDA C. MERRIAM and DOROTHY McCAMMAM, Social Security Administration

Discussion:

J. SILBERMAN, Foreign Operations Administration
CHARLES D. STEWART, Bureau of Labor Statistics
A. AIDENOFF, United Nations

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Biltmore Suite

34. Statistical Training in Industry

American Statistical Association

Chairman: FRITZ KAFKA, Charles Pfizer and Co.

Current In-Industry Statistical Training Programs. SOL DUTKA, Audits & Surveys Co.

Educational Aspects of In-Service Training in Statistics. R. P. EASTWOOD, Columbia University

Wednesday

Discussion:

LESTER KELLOGG, Deere & Co.

MORTIMER SPIEGELMAN, Metropolitan Life Insurance Co.

RALPH E. WAREHAM, Wareham & Associates

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Vanderbilt Suite

35. Life-Testing

American Statistical Association

Chairman: J. MANDEL,
National Bureau of Standards

The Weibull Distribution in Life-Testing of Electron Tubes. J. H. K. KAO, Cornell University

Accelerated Life-Testing of Capacitors. G. L. LEVENBACH, Bell Telephone Laboratories

Discussion: To be announced

11 a.m.—1 p.m.
Biltmore Hotel
Cafe Moderne

36. Statistical Studies of Accident Proneness and Contagion of Accidents

Joint Session: I.M.S., B.S.

Chairman: WILLIAM F. TAYLOR,
School of Aviation Medicine

General Review of Recent Results on Accident Proneness and Contagion. J. NEYMAN, University of California

Asymptotic Tests and Power of Tests of Certain Hypotheses Regarding Contagion in Accidents. CHARLES H. KRAFT, University of California

A Limit Theorem on Conditional Distributions Related to Studies of Accident Proneness. G. P. STECK, University of California

11—11:45 a.m.
Roosevelt Hotel
Grand Ballroom

37. Consumer Product Tests — Some New Concepts

American Marketing Association

Chairman: EVERETT R. SMITH,
Macfadden Publications, Inc.

Speaker:

J. STEVEN STOCK, Alfred Politz Research, Inc.

Wednesday

- 12 Noon**
Biltmore Hotel
The Ballroom
- 12:45 p.m.**
Roosevelt Hotel
Vanderbilt 3-4-5
- 1:30—2:15 p.m.**
Roosevelt Hotel
Grand Ballroom
- 2—4 p.m.**
Biltmore Hotel
Bowman Room
- 2—4 p.m.**
Biltmore Hotel
Vanderbilt Suite
- 38. The Economic Outlook — Luncheon**
Joint Session: A.S.A., A.E.A.
Chairman: MARTIN R. GAINSBROUGH,
National Industrial Conference Board
Speakers:
EDWIN G. NOURSE, Joint Council on Economic
Education
ALLAN H. TEMPLE, The First National City Bank
of New York
- 39. Luncheon Session**
American Association of University Teachers of
Insurance
Chairman: LAURENCE J. ACKERMAN,
University of Connecticut
The Variable Annuity. GEORGE E. JOHNSON, The
Variable Annuity Life Insurance Company of
America
- 40. Automation: Forerunner of a Marketing
Revolution — Luncheon**
American Marketing Association
Speaker: PETER DRUCKER, New York University
- 41. The Changing Industrial Structure of the U.S.A.**
American Statistical Association
Chairman: L. CHESTER MAY,
American Telephone & Telegraph Co.
Changing Patterns of Industrial Employment. SEY-
MOUR L. WOLFBEIN, Bureau of Labor Statistics
*Measurement of Industrial and Commercial Em-
ployment.* WALT R. SIMMONS, Bureau of Labor
Statistics
Discussion:
CEDRIC WOLFE, Metropolitan Life Insurance Co.
DAVID PINSKY, Connecticut Department of Labor
LEONARD P. ADAMS, Cornell University
- 42. Major Developments in the Federal Statistical
Program**
American Statistical Association
Chairman: DONALD C. RILEY,
Office of Statistical Standards
*Consolidated Budget for Economic Statistical Pro-
grams.* STANLEY LEBERGOTT, Office of Statistical
Standards

Wednesday

Preliminary Reports on the 1954 Censuses:

1. *Censuses of Manufacturers, Business and Mineral Industries.* HOWARD GRIEVES, Bureau of the Census
 2. *Census of Agriculture.* CONRAD F. TAEUBER, Bureau of the Census
- Construction Statistics.* WALTER SCHNEIDER, U. S. Department of Commerce
- Employment Statistics.* CHARLES D. STEWART, Bureau of Labor Statistics
- Business Financial Statistics.* CAREY P. MODLIN, Jr., Office of Statistical Standards

2—4 p.m.

Biltmore Hotel
Music Room

43. Rietz Lecture

Institute of Mathematical Statistics

Chairman: J. NEYMAN, University of California

Probability in Statistics. WILLIAM FELLER, Princeton University

2—4 p.m.

Biltmore Hotel
Cafe Moderne

Business Meeting

American Statistical Association, Section on Physical and Engineering Sciences

2:30 p.m.

Roosevelt Hotel
Vanderbilt 3-4-5

44. Life Insurance in Its New Competitive Frame

American Association of University Teachers of Insurance

Chairman: HERBERT C. GRAEBNER,
American College of Life Underwriters

Life Insurance in Its New Competitive Frame. DUDLEY DOWELL, New York Life Insurance Co., and H. BRUCE PALMER, The Mutual Benefit Life Insurance Co.

Discussion:

RICHARD M. SELLERS, Commonwealth Life Insurance Company

Wednesday

2:30 p.m.

Commodore Hotel
West Ballroom

45. The Pure Theory of Public Expenditure

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

Chairman: OSWALD BROWNLEE,
University of Minnesota

Aspects of the Abstract Theory of Public Expenditures. PAUL A. SAMUELSON, Massachusetts Institute of Technology

A Multiple Theory of the Budget. RICHARD A. MUSGRAVE, University of Michigan

Discussion:

JULIUS MARGOLIS, University of California

WALTER S. SALANT, The Brookings Institution

2:30 p.m.

Commodore Hotel
Main Ballroom

46. Economic Growth I — Statement of the Problem of Keeping the United States Economy Moving Forward, But Steadily

American Economic Association

Chairman: CALVIN B. HOOVER, Duke University

Scope and Objectives of Ten Sessions on Economic Growth. The Chairman

The Economic History of the United States in These Terms from 1870 to 1955, But Particularly since 1900. MOSES ABRAMOVITZ, National Bureau of Economic Research, and Stanford University

The Goals of Economic Growth in the United States —Economic and Other Social Priorities. PAUL T. HOMAN, University of California at Los Angeles

Discussion:

WILLIAM J. FELLNER, Yale University

FRED V. WAUGH and JAMES P. CAVIN, U.S. Department of Agriculture

DAVID McCORD WRIGHT, McGill University

2:30 p.m.

Commodore Hotel
Room 103

47. Publication Problems in the Field of Economics

American Economic Association

Chairman: DAN LACY,

American Book Publishers Council, Inc.

Panel:

GEORGE BROCKWAY, W. W. Norton and Co.

A. C. EDWARDS, Henry Holt and Co.

VICTOR REYNOLDS, Association of American University Presses

BERNARD F. HALEY, American Economic Review

SEYMOUR E. HARRIS, Harvard University

Wednesday

2:30 p.m.

Biltmore Hotel
Biltmore Suite

- 48. The Resources and Performance of Soviet Agriculture**
American Farm Economics Association
Chairman: MERRILL K. BENNETT,
Stanford University
Soviet Agricultural Resources Reappraised. C. D. HARRIS, University of Chicago
Soviet Agricultural Policy After Stalin: Results and Prospects. LAZAR VOLIN, U.S. Foreign Agricultural Service
Eye-Witness Appraisal of Soviet Farming, 1955. D. GALE JOHNSON, University of Chicago
Discussion:
OTTO SCHILLER, College of Agriculture, Hohenheim, Germany
Secretary-Rapporteur: ELI FERGUSON, Equitable Life Assurance Society

2:30 p.m.

Commodore Hotel
Parlor B-C

- 49. The Changing Patterns of Competition in Transportation and Other Public Utility Lines**
American Economic Association
Chairman: EDWARD W. MOREHOUSE, General Public Utilities Corp., and JAMES C. NELSON, Washington State College
The Competition of Long-Distance Motor Trucking — Farm and Industrial Products and Supplies. CHARLES A. TAFF, University of Maryland
The Partnership Policy in Regional Power Planning. WALTON SEYMOUR, Consultant, Washington, D. C.
Federal Regulation of Natural Gas Producers and Gatherers. MARTIN L. LINDAHL, Dartmouth College
Discussion:
FRED V. STONE, Canadian Pacific Railway
MARTIN G. GLAESER, University of Wisconsin

2:30 p.m.

Biltmore Hotel
The Ballroom

- 50. Basic Research Problems of the Urban-Metropolitan Region**
Regional Science Association
Chairman: ROBERT B. MITCHELL,
University of Pennsylvania
Main Speaker: JOHN T. HOWARD,
Massachusetts Institute of Technology
Discussion:
ERNEST M. FISHER, Columbia University
REGINALD R. ISAACS, Harvard University
GERALD BREESE, Princeton University
LYLE C. FITCH, N. Y. State Division of Administration

Wednesday

2:30 p.m.
Commodore Hotel
East Ballroom

51. The Economic Potentials of Latin America American Economic Association

Chairman: NORMAN S. BUCHANAN,
Rockefeller Foundation

*Developments Under Way, Obstacles and Problems,
and Potentials.* SUNE CARLSON, United Nations

*Some Policy Lessons for Economic Development in
This Part of the World.* THEODORE W. SCHULTZ,
University of Chicago

Discussion:

GEORGE GARVY, Federal Reserve Bank of New
York

EMILIO G. COLLADO, Standard Oil Co. (New Jersey)

SIMON ROTTENBERG, University of Chicago

2:30 p.m.
Commodore Hotel
South Room

52. Mortgage Credit in Perspective American Finance Association

Chairman: FRED E. CASE,
University of California

*Mortgage Credit in Relation to the Debt Structure
of the Nation.* WOLFGANG STOLPER, University of
Michigan

Discussion:

ARTHUR M. WEIMER, Indiana University

The Burden of Mortgage Debt. LOUIS WINNICK,
Columbia University

Discussion:

JAMES GILLIES, University of California at Los
Angeles

*Government Credit Commitments and Economic
Stability.* RAMSEY WOOD, Board of Governors of
the Federal Reserve System

Discussion:

MERLE T. WELSHANS, Washington University

2:30—5 p.m.
Roosevelt Hotel
Palm Oval

53. Contributions and Needs of Company Research in Industrial Relations

Industrial Relations Research Association

Chairman: WILLIAM G. CAPLES,
Inland Steel Company

Wednesday

Industry's Contributions to Research in Industrial Relations. MATTHEW RADOM, Cornell University

Industry's Use of Outside Research Organizations. ROBERT C. HOOD, Ansul Chemical Company

Industry's Use of Research Results. RALPH BENDER, du Pont

2:30—5 p.m.
Roosevelt Hotel
Vanderbilt #8

54. German Experience With Codetermination Industrial Relations Research Association

Panel:

W. MICHAEL BLUMENTHAL, Princeton University
PETER KELLER, Labor Secretary, German Embassy,
Washington, D. C.

CLARK KERR, University of California (Berkeley)

HERBERT J. SPIRO, Harvard University

OSCAR WEIGART, Bureau of Labor Statistics

Moderator: WILLIAM MCPHERSON, University of Illinois

2:30—5 p.m.
Roosevelt Hotel
Palm Room

55. Unemployment Compensation in a Private Enterprise Economy

Industrial Relations Research Association

Chairman: E. E. WITTE, University of Wisconsin

Speakers:

The Present Status of Unemployment Compensation.

WILLIAM HABER, University of Michigan

Supplemental Unemployment Compensation. JOHN
W. MCCONNELL, Cornell University

Discussion:

ROBERT C. GOODWIN, Bureau of Employment Security, U. S. Department of Labor

LEONARD LESSER, Social Security Department,
UAW-CIO

KARLTON W. PIERCE, Ford Motor Co.

Wednesday

- 2:30—4:30 p.m.**
Biltmore Hotel
Stuyvesant Rooms
- 56. The Interpretation of Genetic Data**
Joint Session: B.S., A.S.A.
Chairman: A. E. BRANDT,
Atomic Energy Commission
Approximate Confidence Intervals for Specific Locus Mutation Rates. ALLYN KIMBALL, Oak Ridge National Laboratory
Theoretical and Experimental Study of Selfed Populations. T. W. HORNER and C. R. WEBER, Iowa State College
Epistacy Under Selfing. O. KEMPTHORNE, Iowa State College
Applications of the K_4 Statistics to Genetic Variance Component Analysis. DOUGLAS S. ROBSON, Cornell University
- 2:45 p.m.**
Roosevelt Hotel
New England Room
- 57. A Sample Seminar in Industrial Marketing**
American Marketing Association
Chairman: HARRY LEOPOLD, Jr.,
John A. Roebing's Sons Co.
Subject: Screening and Evaluation of Research Projects. Members of the Seminar Group of the Philadelphia Chapter of the American Marketing Association
- 2:45—3:30 p.m.**
Roosevelt Hotel
Grand Ballroom
- 58. Measurements of Brand Loyalty**
American Marketing Association
Speaker: ROSS M. CUNNINGHAM, Massachusetts Institute of Technology
- 3:45—5:30 p.m.**
Roosevelt Hotel
Grand Ballroom
- 59. Turmoil in the Market Place**
American Marketing Association
Chairman: D. MAYNARD PHELPS,
University of Michigan
The Retailer—Innovate or Perish. MYRON S. SILBERT, Federated Department Stores
The Manufacturer—A Time for Reappraisal. RICHARD BURKE, Sears Roebuck and Company
- 4—6 p.m.**
Biltmore Hotel
Cafe Moderne
- 60. Acceptance Sampling Plans**
Institute of Mathematical Statistics
Chairman: GERALD J. LIEBERMAN,
Stanford University

Wednesday

An Economic Approach to the Choice of Continuous Sampling Plans. GEOFFREY GREGORY, Stanford University

Some Continuous Sampling Plans for Complex Items. GEORGE RESNIKOFF, Stanford University

Optimum Double Sampling Plans. ALLAN BIRNBAUM, Columbia University

4—6 p.m.

Biltmore Hotel
Biltmore Suite

61. Applications in Analytical Chemistry

American Statistical Association

Chairman: W. J. YOUDEN,
National Bureau of Standards

Flame Photometry Determinations. B. MULLIGAN,
National Bureau of Standards

Interlaboratory Studies. J. MANDEL, National Bureau of Standards

Discussion: To be announced

4 p.m.

Biltmore Hotel
Vanderbilt Suite

62. Contributed Papers

Econometric Society

Chairman: ARNOLD HARBERGER,
University of Chicago

Economic Implications of Research in Production and Inventory Control. CHARLES HOLT and FRANCO MODIGLIANI, Carnegie Institute of Technology

The Demand for Automobiles in the U. S. GREGORY C. CHOW, Massachusetts Institute of Technology

Examples of Production Over Time at Minimum Cost. KENNETH ARROW, Stanford University, SAMUEL KARLIN, California Institute of Technology

Discussion:

HANS THEIL, University of Chicago

T. C. KOOPMANS, Yale University

GUY H. ORCUTT, Harvard University

4:30 p.m.

Roosevelt Hotel
Vanderbilt 3-4-5

Annual Business Meeting

American Association of University Teachers of Insurance

5—6 p.m.

Biltmore Hotel
The Ballroom

Business Meeting

Regional Science Association

Wednesday

5—6 p.m.

Biltmore Hotel
Emerald Suite

6 p.m.

Biltmore Hotel
Music Room

6 p.m.

Schrafft's Restaurant
Chrysler Building

8—10 p.m.

Biltmore Hotel
Music Room

8 p.m.

Biltmore Hotel
Versailles Salon

Annual Meeting

American Statistical Association, Biometric Section

Business Meeting

Institute of Mathematical Statistics

63. Dinner Meeting

American Farm Economics Association

Chairman: HERRELL DEGRAFF, Cornell University

Speaker: Long-Range Prospects for Economic Growth and Agricultural Policy. HAROLD B. ROWE, The Brookings Institution

64. Statistical Problems in the Evaluation of Polio Vaccine

American Statistical Association

Chairman: JOHN W. FERTIG, Columbia University
The 1954 Polio Vaccine Field Trials. ROBERT B. VOIGHT, Bureau of Defenses

Epidemiologic Evaluation of the 1955 Polio Vaccine Program. WILLIAM JACKSON HALL, Communicable Disease Center, U. S. Public Health Service

Statistical Aspects of Vaccine Safety Testing.

JEROME CORNFIELD and MAX HALPERIN, National Institutes of Health

Discussion:

W. G. COCHRAN, John Hopkins University

ROBERT F. KORNS, M.D., N. Y. State Department of Health

65. Contributed Papers

Regional Science Association

Chairman: JOSEPH L. FISHER,
Resources for the Future, Inc.

Regional Advantage in Oil Refining. ROBERT LINDSAY, Federal Reserve Bank of New York

Projecting Industrial Growth of Metropolitan Regions. BRITTON HARRIS, University of Pennsylvania
A Conceptual Framework for the Analysis of Urban Development Policy. GEORGE DUGGAR, University of California

Some Attempts at Estimating Parameters on Spatial Interactance. WILLIAM L. GARRISON, University of Washington

Selected RONALD Books . . .

The Money Market and Its Institutions

MARCUS NADLER, SIPA HELLER,
and SAMUEL S. SHIPMAN—all *New York University* 32 tables; 323 pp.

Economic History of the United States

HOWARD R. SMITH, *The University of Georgia*
20 ills., 148 tables; 763 pp.

Economic History of Great Britain

W. STANFORD REID, *McGill University* 8 maps; 557 pp.

Money, Banking, and the Financial System

MILTON L. STOKES, *Gettysburg College*;
and CARL T. ARLT, *Oberlin College* 25 ills., 31 tables; 670 pp.

Modern Labor Economics

- **An Analysis of Labor-Management Relations**
PEARCE DAVIS and GERALD J. MATCHETT
—both *Illinois Institute of Technology* 18 ills., 24 tables; 659 pp.

Cases and Problems in

Personnel and Industrial Relations

EDGAR G. WILLIAMS and JOHN F. MEE
—both *Indiana University* Paper Cover, Illus.; 204 pp.

A History of Economic Thought

JOHN FRED BELL, *University of Illinois* 696 pp.

Fundamentals of Political Economy

DEAN A. WORCESTER, Jr., *University of Washington*
19 ills., 14 tables; 594 pp.

Principles of Real Estate

ARTHUR M. WEIMER, *Indiana University*; and HOMER HOYT, Pres.,
Homer Hoyt Associates Third Edition. 55 ills., 15 tables; 618 pp.

The International Economy

JOHN PARKE YOUNG, *Department of State*
Third Edition. 16 ills., 17 tables; 813 pp.

THE RONALD PRESS COMPANY

15 East 26th Street, New York 10, N. Y.

Holt Books for Second Semester

REAL ESTATE APPRAISAL

A Critical Analysis of Theory and Practice

PAUL F. WENDT, *University of California*

This important new work represents the first serious attempt in recent years to review the general framework of appraisal theory. The author effectively integrates both the theoretical and the practical aspects of valuation.

Ready January 3

TRENDS AND CYCLES IN ECONOMIC ACTIVITY

An Introduction to Problems in Economic Growth

WILLIAM J. FELLNER, *Yale University*

A systematic treatment of business cycle problems. Working the analysis of cycles into the theme of economic growth, the book covers the general area of dynamic economics.

Ready January 3

STATISTICAL METHODS, *Third Edition*

FREDERICK C. MILLS **1955**

INDUSTRIAL AND COMMERCIAL GEOGRAPHY,

Fourth Edition

**J. RUSSELL SMITH, M. OGDEN PHILLIPS,
THOMAS R. SMITH** **1955**

CREATIVE ADVERTISING

CHARLES L. WHITTIER **1955**

READINGS IN MARKETING FROM FORTUNE

GEORGE H. BROWN **1955**

FISCAL POLICY

JAMES A. MAXWELL **1955**

Henry Holt and Company

New York 17

San Francisco 5

Wednesday

8-10 p.m.

Biltmore Hotel
The Ballroom

66. Labor Turnover and Help-Wanted Advertising

American Statistical Association

Chairman: LEO WOLMAN, Columbia University

Labor Turnover. EWAN CLAGUE, Bureau of Labor Statistics

National Monthly Help-Wanted Advertising Index.

WILLIAM BERRIDGE, Metropolitan Life Insurance Co.

Discussion:

LEONARD ARNOLD, Northern Textile Assn.

GERHARD BRY, Rutgers University

GLADYS L. PALMER, University of Pennsylvania

DAVID PINSKY, Connecticut Department of Labor

8:30 p.m.

Commodore Hotel
Main Ballroom

67. Economic Growth II: The Production and Consumption Economics of Economic Growth

American Economic Association

Chairman: MILTON S. HEATH,
University of North Carolina

The Production Economics of Economic Growth.

W. DUANE EVANS, Bureau of Labor Statistics

The Consumption Economics of Economic Growth.

RUTH P. MACK, National Bureau of Economic Research

The Value and Pricing Aspects. ARYNESS JOY

WICKENS, Bureau of Labor Statistics

Discussion:

EARL O. HEADY, Iowa State College

ROBERT FERBER, University of Illinois

8:30 p.m.

Commodore Hotel
South Room

68. Current Economic Thought and Its Application and Methodology in Continental Europe

American Economic Association

Chairman: ALEXANDER GERSCHENKRON,
Harvard University

The Scandinavian Countries. HANS BREMS, University of Illinois

Holland. HANS THEIL, University of Chicago

Italy. To be announced

Eastern Europe Outside of Russia. NICOLAS SPULBER, Indiana University, and THAD P. ALTON, Columbia University

Wednesday

8:30 p.m.
Commodore Hotel
West Ballroom

69. Tariff Policy for the U.S.A., A Strong, Rich Country

Joint Session: A.F.E.A., A.E.A.

Chairman: CHARLES P. KINDLEBERGER, Massachusetts Institute of Technology

Introductory Statement: The Chairman

Panel:

DON D. HUMPHREY, Duke University

LAWRENCE W. WITT, Michigan State University

RICHARD M. BISSELL, Jr., Washington, D. C.

DENNIS W. FITZGERALD, International Cooperation Administration

DONALD B. MARSH, McGill University

Summary Statement: The Chairman

8:30 p.m.
Commodore Hotel
East Ballroom

70. Are Union Practices Monopolistic?

Joint Session: I.R.R.A., A.E.A.

Chairman: RICHARD A. LESTER,
Princeton University

Paper to be announced

EDWARD S. MASON, Harvard University

Panel:

PETER O. STEINER, University of California

JULES BACKMAN, New York University

PETER HENLE, American Federation of Labor

CHARLES C. KILLINGSWORTH, Michigan State University

MATTHEW A. KELLY, New York Employing Printers Association

Introduction to American Business

David J. Schwartz, Jr., and Ferdinand F. Mauser
Wayne University

Offering a balanced treatment of all the essential functions of business, this forthcoming text helps the student to understand the influence of business on American culture. Each chapter was reviewed by either a well-qualified businessman or an outstanding professor. A unique feature of the book is a chapter giving the whys and hows of reading business news.

The authors discuss businesses of all sizes and types. They show that modern farming should be treated as a form of business. Emphasis is placed on the importance of morale, ethics, and public relations. A list of job opportunities is conveniently located in the appendix.

Personnel Management

A Human Relations Approach

William H. Knowles, Michigan State University

"Personnel Management represents a fresh approach to the subject. Simply written and kept at an elementary level, but comprehensive and suggestive, it is excellently adapted for use in beginning personnel management courses."—Edwin E. Witte, University of Wisconsin

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American Book Company

COLLEGE DIVISION

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SUMMARY OF THURSDAY MEETINGS

Meeting No.

- | | | |
|----|------------|---|
| | 8 a.m. | Secretaries of Allied Social Science Associations—
Breakfast |
| 71 | 8:30 a.m. | Recent Technological Changes and the Socio-Economic
Structure (ASA)
Business Meeting, Business and Economic Statistics
Section (ASA)—Breakfast |
| 72 | 9 a.m. | Business Meeting, Section on Training (ASA)—Breakfast
Report of the Attorney General's Committee on Anti-
Trust Policy (AEA) |
| 73 | | A Training Program Leading to Contributions in
Experimental Design (IMS) |
| 74 | | Teaching the Basic Property and Casualty Course
(AAUTI) |
| 75 | 9:30 a.m. | The Dynamics of Food Retailing (AMA, AEA, AFEA) |
| 76 | | Economic Growth III (AEA, ASA) |
| 77 | | Economic Growth VII (AEA, IRRA) |
| 78 | | Taxation Adjustments for the Long Run (AFA) |
| 79 | | Comparative Studies of Foreign Labor Movements
(IRRA) |
| 80 | | Contributed Papers (ES) |
| 81 | | Subjective Testing (BS, ASA) |
| 82 | | Economic Growth X (RSA, AEA) |
| 83 | 10 a.m. | Special Interest Sessions (AMA) |
| 84 | 10:15 a.m. | University Retirement Programs and Social Security
(AAUTI) |
| 85 | 10:30 a.m. | A Critique of Federal Statistical Series: Index of
Consumer Prices (ASA, AFEA) |
| 86 | | Time Series in the Physical Sciences (ASA) |
| 87 | | International Education and Training in Statistics (ASA) |
| 88 | 11 a.m. | Statistics in Medical Experimentation (IMS, BS) |
| 89 | | Advantages of the Large Firm (AMA, AEA) |
| 90 | 12 Noon | Reflections of a Central Banker (AFA, AEA)—Luncheon
Outgoing Board of Directors (ASA)—Luncheon |
| 91 | 12:15 p.m. | Presidential Address (IRRA)—Luncheon |
| 92 | 12:30 p.m. | Recent Developments in Sickness and Accident Insurance
(AAUTI)—Luncheon |
| 93 | | Luncheon Meeting (AEA, AFEA) |
| 94 | 1:15 p.m. | Luncheon Meeting (AMA) |
| 94 | 2 p.m. | Scientific Research and Development in American
Industry (ASA) |
| 95 | | Statistical Needs for Analyzing the International Trade
and Payments Situation—I (ASA) |
| 96 | | Special Invited Paper (IMS) |
| 97 | | Applications of Mathematical Programming to Agricul-
tural Economic Problems (ES, AFEA) |
| 98 | | Federal Reserve Board Committee Reports—I
(ASA, AEA) |

Summary of Thursday Meetings, Continued

Meeting No.

99		Econometrics of Income Distribution (ES)
100	2:30 p.m.	The Firm's Marketing Organization (AMA)
101		The Population Spectre (AEA, AFEA)
102		Economic Growth IV (AEA)
103		Economic Growth V (AEA)
104		The Money Market Outlook (AFA)
105		Decision Making in Local Unions (IRRA)
106		What Kind of Training is Desirable for Students Headed for Jobs in Industrial Relations? (IRRA)
107	2:30 p.m.	Statistical Investigations of Regional Structure and Reactions (RSA, ASA)
108		New Developments and Problems in Research (AAUTI)
109		Contributed Papers (BS)
110	4 p.m.	Productivity: Long-Run Trends and Short-Run Fluctuations (ASA, AEA)
111		What Business Expects from Operations Research (ASA)
112		New Developments in Experimental Social Science (ASA, IMS)
113		Design of Industrial Experiments (ASA)
114		Recognized Needs for Mathematical Tables Among Statisticians (IMS)
115		Contributed Papers (ES)
	5 p.m.	Business Meeting (AFA)
		Annual Meeting (BS) (ENAR)
		Business Meeting (IRRA)
	6 p.m.	Meeting of Incoming Board of Directors (AFA)
116	8 p.m.	Presidential Address (ASA)
118	8:30 p.m.	Presidential Address (AEA)
		Smoker (IRRA)
	9 p.m.	Informal Party (ASA, IMS)

SCHEDULE OF MEETINGS

Thursday, December 29, 1955

8:30 a.m.	Business Meeting—Breakfast
Biltmore Hotel	American Statistical Association, Business and
Music Room	Economic Statistics Section

8:30 a.m.	Business Meeting—Breakfast
Biltmore Hotel	American Statistical Association, Section on
Emerald Suite #110	Training

Thursday

8:30—10:30 a.m.
Biltmore Hotel
Bowman Room

71. Recent Technological Changes and the Socio-Economic Structure

American Statistical Association

Chairman: A. J. JAFFE, Columbia University

Effects of Automation on the Occupational Structure. RICHARD H. LEWIS, Bureau of Labor Statistics

Energy Consumption, an International Comparison. NATHANIEL B. GUYOL, United Nations

Cost of Management and Productivity. SEYMOUR MELMAN, Columbia University

Discussion:

DUDLEY KIRK, Population Council

AARON WARNER, Columbia University

9—11:45 a.m.
Commodore Hotel
East Ballroom

72. Report of the Attorney General's Committee on Anti-Trust Policy

American Economic Association

Chairman: CORWIN D. EDWARDS,
University of Chicago

Market Power and Business Conduct: Some Comments on Anti-Trust Policy. EDWARD S. MASON, Harvard University

Enforceable Competition: Unruly Reason or Reasonable Rules. KINGMAN BREWSTER, Harvard University

Competition: Hard or Soft. CLAIR WILCOX, Swarthmore College

Discussion:

GEORGE W. STOCKING, Vanderbilt University

ALFRED E. KAHN, Cornell University

CLAIR E. GRIFFIN, University of Michigan

GEORGE J. STIGLER, Columbia University

9—11 a.m.
Biltmore Hotel
Cafe Moderne

73. A Training Program Leading to Contributions in Experimental Design

Institute of Mathematical Statistics

Chairman: CHURCHILL EISENHART,
National Bureau of Standards

Who Makes Designs. W. J. YODEN, National Bureau of Standards

The Construction of Fractional Factorial Designs for the 2ⁿ Series. F. L. MILLER, Jr., Purdue University, and National Bureau of Standards

Thursday

The Use of the 2ⁿ Fractional Factorial Designs for Factors at 4 levels. H. PETTIGREW, George Washington University, and National Bureau of Standards

Some Combinatorial Relationships Arising in the Dualization of Incomplete Block Designs. R. BURTON, National Bureau of Standards

Discussion:

GERTRUDE M. COX, University of North Carolina

9 a.m.
Biltmore Hotel
Empire Lounge

74. Teaching the Basic Property and Casualty Course

American Association of University Teachers of Insurance

Chairman: CHARLES C. CENTER,
University of Wisconsin

Speaker:

KENNETH W. HERRICK, University of Connecticut

Discussion:

EMERSON CAMMACK, University of Illinois

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Thursday

- 9:30 a.m.**
Biltmore Hotel
Room 136
- 75. The Dynamics of Food Retailing**
Joint Session: A.M.A., A.E.A., A.F.E.A.
Chairman: JOSEPH ACKERMAN, Farm Foundation
Movements in the Retail Distribution of Food in the U. S. ROBERT W. MUELLER, The Progressive Grocer
Some Recent Developments in Food Retailing Abroad. HERBERT EKLÖH, Hagen, Germany, and R. D. HARDESTY, The Kroger Company
Supplementary Statements:
WILLIAM APPLEBAUM, Marketing Consultant
RICHARD H. HOLTON, Harvard University
- 9:30 a.m.**
Commodore Hotel
Main Ballroom
- 76. Economic Growth III — Income Distribution Aspects of Expanding Production and Consumption**
Joint Session: A.E.A., A.S.A.
Chairman: PAUL A. SAMUELSON, Massachusetts Institute of Technology
Distribution of Aggregate Income Between Taxes and Other Than Taxes, and Among Consumption, Savings, and Capital Formation. WILLIAM A. SALANT, Brandeis University
Distribution of Incomes of Corporate Firms Among Taxes, Dividends and Retained Earnings. JOHN LINTNER, Harvard University
Discussion:
LLOYD ULMAN, University of Minnesota
LORIE TARSHIS, Stanford University
THOMAS C. SCHELLING, Yale University
- 9:30 a.m.**
Commodore Hotel
West Ballroom
- 77. Economic Growth VII — The Shortening Work Week as a Component of Economic Growth**
Joint Session: A.E.A., I.R.R.A.
Chairman: GERHARD COLM, National Planning Association
The Alternatives. CHARLES STEWART, U. S. Department of Labor

Thursday

Panel:

CLARK KERR, University of California (Berkeley)
SOLOMON BARKIN, Textile Workers Union of
America
NELSON N. FOOTE, University of Chicago
LESTER KELLOGG, Deere and Company
HAROLD G. HALCROW, University of Connecticut

9:30 a.m.

Commodore Hotel
South Room

78. Taxation Adjustments For The Long Run

American Finance Association

Chairman: C. LOWELL HARRISS,
Columbia University

Presentations:

1. *United States Taxation and Foreign Investment.*
ROY BLOUGH, Columbia University
2. *The Future of the Corporation Income Tax.*
E. GORDON KEITH, University of Pennsylvania
3. *Sales and Excise Taxation as Part of a Permanent
Revenue Structure.* JOHN F. DUE, University of
Illinois

9:30—11:45 a.m.

Roosevelt Hotel
Palm Room

79. Comparative Studies of Foreign Labor Movements: Role of the Union in the Plant

Industrial Relations Research Association

Chairman: ADOLF STURMTHAL,
Roosevelt University

Participants:

England: AARON WARNER, Columbia University
Italy: DANIEL HOROWITZ, State Department
India: VAN DUSEN KENNEDY, University of Cali-
fornia (Berkeley)
Germany: NATHAN REICH, Hunter College

9:30 a.m.

Commodore Hotel
Parlors B and C

80. Contributed Papers

Econometric Society

Chairman: JAMES TOBIN, Yale University

The Welfare Costs of Inflationary Finance. MARTIN
J. BAILEY, University of Chicago

Evidence on Wealth Distribution in Inflation.
ARMEN ALCHIAN, University of California at Los
Angeles, and REUBEN KESSEL, The Rand Corpo-
ration

(Program of Meeting No. 80 continues on next page)

Thursday

Some Logical Measures Applying to Economic Forecasts. SIDNEY SCHOEFFLER, University of Massachusetts

Discussion:

RICHARD MUSGRAVE, University of Michigan
C. L. BACH and ALBERT ANDO, Carnegie Institute of Technology

9:30—11:30 a.m.

Biltmore Hotel
Biltmore Suite #133

81. Subjective Testing

Joint Session: B.S., A.S.A.

Chairman: H. O. HARTLEY, Iowa State College
A Rankit Analysis for Paired Comparisons in Taste Testing. C. I. BLISS and MARY GREENWOOD, Connecticut Agricultural Experiment Station and Yale University

Some Stimulus-Response Relations in Pair-Ranking Taste Experiments. J. W. HOPKINS and N. T. GRIDGEMAN, National Research Council, Canada

Problems Needing Answers. ELIZABETH F. MURPHY, University of Maine

Three Useful Designs in Taste-Testing. GEORGE E. FERRIS, Cornell University

9:30 a.m.

Biltmore Hotel
Vanderbilt Suite

82. Economic Growth X: Urban Growth and Development

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

Chairman: WALTER ISARD,
Massachusetts Institute of Technology

The Spread of Cities. DONALD J. BOGUE, University of Chicago

Changes Within Cities. CHESTER RAPKIN, Columbia University

Discussion:

RICHARD U. RATCLIFF, University of Wisconsin
MARTIN MYERSON, University of Pennsylvania
JOSEPH L. FISHER, Resources for the Future, Inc.

10 a.m.

Roosevelt Hotel

83. Ten Special Interest Sessions (In small rooms with limited attendance)

American Marketing Association

1. The Use of Projective Techniques in Market Research

GEORGE H. SMITH, Rutgers University
ARTHUR KOPONEN, J. Walter Thompson Company

Thursday

2. Sampling Techniques
LESTER R. FRANKEL, Alfred Politz Research, Inc.
W. R. SIMMONS, W. R. Simmons & Associates Research, Inc.
3. Sales Forecasting
HOWARD T. HOVDE, The Econometric Institute, Inc.
HARVEY W. HUEGY, University of Illinois
4. Distribution Costs
CHARLES W. SMITH, McKinsey & Company
REAVIS COX, University of Pennsylvania
5. Measurements of Consumer Attitudes and Behavior
LINCOLN H. CLARK, New York University
PAUL F. LAZARFELD, Columbia University
6. Changing Distribution Channels
WENDELL R. SMITH, Alderson and Sessions, Inc.
RICHARD M. CLEWETT, Northwestern U.
7. Media Research
LYNDON O. BROWN, Dancer-Fitzgerald-Sample, Inc.
DARRELL B. LUCAS, New York University
8. The Measurement of Advertising Effectiveness
GORDON A. HUGHES, Scott Paper Company
JAMES D. SCOTT, University of Michigan
9. The Development of Foreign Markets
D. MAYNARD PHELPS, University of Michigan
VERGIL D. REED, J. Walter Thompson Co.
10. Do It Yourself Research
ROBERT O. FERNALD, National Lead Co.

10:15 a.m.
Biltmore Hotel
Empire Room

84. University Retirement Programs and Social Security

American Association of University Teachers of Insurance

A Survey of Current Retirement Programs in American Universities and Colleges. IRVING PFEFFER, University of California

Integration of College Retirement Systems with the Current Social Security System. WILLIAM C. GREENOUGH, Teachers Insurance and Annuity Association of America

Discussion:

C. ARTHUR WILLIAMS, University of Minnesota
J. EDWARD HEDGES, Indiana University

Thursday

10:30 a.m.—
12:30 p.m.

Biltmore Hotel
The Ballroom

85. A Critique of Federal Statistical Series: Index of Consumer Prices

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

Chairman: FREDERICK F. STEPHAN,
Princeton University

What Concepts are Appropriate to Consumer Price Indexes. IRVING SIEGEL, Council of Economic Advisers

Parity Price Indexes and Farm Consumption Expenditures. B. RALPH STAUBER, U. S. Department of Agriculture

A Comparison of the B.L.S. Consumer Price Index and the A.M.S. Index of Prices Paid by Farmers for Family Living. LAZARE TEPER, International Ladies Garment Workers' Union

Discussion:

LAWRENCE BOGER, Michigan State University

H. E. RILEY, Bureau of Labor Statistics

LAURA MAE WEBB, Office of Statistical Standards

10:30 a.m.—
12:30 p.m.

Biltmore Hotel
Bowman Room

86. Time Series in the Physical Sciences

American Statistical Association

Chairman: J. L. DOLBY, General Electric Co.

Time Series Analysis in Fluid Dynamics. L. J. TICK and M. ROSENBLATT, New York University

Frequency Analysis of Human Responses. E. S. KRENDEL, Franklin Institute

Time Series in Aeronautics. U. O. LAPPI, Cornell Aeronautical Laboratories

10:30 a.m.—
12:30 p.m.

Biltmore Hotel
The Ballroom

87. International Education and Training in Statistics

American Statistical Association

Chairman: STUART A. RICE, Stuart Rice Associates

The Teaching of Statistics at the University Level: An International Survey. B. A. LIU, UNESCO

The Work of the Inter-American Statistical Institute. O. ALEXANDER DE MORAES, Inter-American Statistical Institute

Thursday

International Statistical Training Activities of the Federal Government. CALVERT L. DEDRICK, Bureau of the Census

- 11 a.m.—1 p.m.**
Biltmore Hotel
Cafe Moderne
- 88. Statistics in Medical Experimentation**
Joint Session: I.M.S., B.S.
Chairman: LINCOLN E. MOSES,
Stanford University
Elimination of Selection Bias in Medical Experimentation. DAVID BLACKWELL and J. L. HODGES, Jr., University of California
Estimation of Bacterial Densities. THOMAS S. FERGUSON, University of California
On Comparing Survival Rates. AGNES BERGER, Columbia University
- 11—11:45 a.m.**
Roosevelt Hotel
Grand Ballroom
- 89. Advantages of the Large Firm: Production, Distribution, and Sales Promotion**
Joint Session: A.M.A., A.E.A.
Speaker: JOSEPH S. BAIN, University of California
- 12 Noon**
Commodore Hotel
Main Ballroom
- 90. Luncheon**
Joint Session: A.F.A., A.E.A.
Speaker: Reflections of a Central Banker. ALLAN SPRÖUL, Federal Reserve Bank of New York
- 12:15—1:30 p.m.**
Roosevelt Hotel
Palm Oval
- 91. Luncheon Meeting**
Industrial Relations Research Association
Presidential Address: LLOYD G. REYNOLDS, Yale University
- 12:30 p.m.**
Biltmore Hotel
Empire Room
- 92. Luncheon Session**
American Association of University Teachers of Insurance
Chairman: EDISON L. BOWERS,
Ohio State University
Recent Developments in Sickness and Accident Insurance. JARVIS FARLEY, Massachusetts Indemnity Company
- 12:30 p.m.**
Skopas Restaurant
149 East 42nd Street
- 93. Luncheon Meeting**
Joint Session: A.E.A., A.F.E.A.
Chairman: GLENN W. HEDLUND, Cornell University

Thursday

1:15—2 p.m.

Roosevelt Hotel
Grand Ballroom

Luncheon Meeting
American Marketing Association
Speaker: To be announced

2—4 p.m.

Biltmore Hotel
The Ballroom

94. Scientific Research and Development in American Industry

American Statistical Association

Chairman: E. D. REEVES,
Esso Research and Engineering Co.

A Program of Studies of Scientific Research and Development. JAMES M. MITCHELL, National Science Foundation

Manpower and Expenditures in Industrial Research and Development. HELEN WOOD, Bureau of Labor Statistics

Statistical Techniques for Measuring Research and Development. WALT R. SIMMONS and FRANCES M. WATTENBERG, Bureau of Labor Statistics

Discussion:

DEXTER M. KEEZER, McGraw Hill Publications
HOWARD S. TURNER, Jones & Laughlin

2—4 p.m.

Biltmore Hotel
Vanderbilt Suite

95. Statistical Needs for Analyzing the International Trade and Payments Situation — I

American Statistical Association

Chairman: To be announced

Information Needed to Assess the Economic Well Being of People in the Eastern Hemisphere. FRANCIS McINTYRE, California-Texas Oil Co., Ltd.

Petroleum Transactions Between World Areas, 1951. CORNELIUS J. DWYER, National Bureau of Economic Research

Discussion:

EARL HICKS, International Monetary Fund
NATHANIEL B. GUYOL, United Nations

2—4 p.m.

Biltmore Hotel
Cafe Moderne

96. Special Invited Paper

Institute of Mathematical Statistics

Chairman: HERMAN CHERNOFF,
Stanford University

Stochastic Approximation. CYRUS DERMAN, Columbia University

Thursday

2 p.m.

Biltmore Hotel
Emerald Room

97. Applications of Mathematical Programming to Agricultural Economic Problems

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

Chairman: KARL FOX, Iowa State College

Programming Low Income Farms in the Piedmont.

CHARLES E. BISHOP, North Carolina State College

Applications of Programming Analysis to Corn Belt Farms. EARL R. SWANSON, University of Illinois

Solving Feed Problems Through Linear Programming. IRWIN KATZMAN, Armour and Company

Discussion:

LESTER TELSER, University of Chicago

2-4 p.m.

Biltmore Hotel
The Ballroom

98. Federal Reserve Board Committee Reports: Saving Statistics and Consumer Expectation—I

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

Chairman: RALPH A. YOUNG, Board of Governors of the Federal Reserve System

Saving Statistics. RAYMOND GOLDSMITH, National Bureau of Economic Research

Consumer Expectations. JAMES TOBIN, Yale University

Discussion:

MORRIS COHEN, National Industrial Conference Board

GEORGE KATONA, University of Michigan

2 p.m.

Commodore Hotel
Parlors B and C

99. Econometrics of Income Distribution

Econometric Society

Chairman: SELMA GOLDSMITH,

U. S. Department of Commerce

A Statistical Analysis of Some Factors Associated with the Size of Individual Incomes. GERARD ADAMS, University of Michigan

Effects of Changes in Technology and Final Demand on the Distribution of Income. ALFRED CONRAD, Northwestern University

Estimation of the Inequality of Lifetime Incomes. ROBERT SUMMERS, Yale University

Discussion:

SIMON KUZNETS, Johns Hopkins University

ROBERT SOLOW, Massachusetts Institute of Technology

Thursday

- 2:30—4:30 p.m.**
Roosevelt Hotel
Grand Ballroom
- 100. The Firm's Marketing Organization — Time For A Change?**
American Marketing Association
Chairman: CHARLES W. SMITH,
McKinsey & Company
Panel:
JOHN R. SARGENT, Cresap, McCormick & Paget
W. W. SPROUL, Westinghouse Electric Co.
W. H. NUNN, American Telephone & Telegraph
- 2:30 p.m.**
Commodore Hotel
South Room
- 101. The Population Spectre — Rapidly Declining Death Rates in Densely Populated Countries**
Joint Session: A.E.A., A.F.E.A.
Chairman: MERRILL K. BENNETT,
Food Research Institute
A Statement of the Situation. KINGSLEY DAVIS, University of California
Food and Agricultural Possibilities. CHARLES E. KELLOGG, U. S. Department of Agriculture
Nonagricultural Possibilities. REUBEN E. SLESINGER, University of Pittsburgh
Possible and Probable Outcomes, and Courses of Action to be Considered. JOSEPH J. SPENGLER, Duke University
Question period: Led by the Chairman
- 2:30 p.m.**
Commodore Hotel
West Ballroom
- 102. Economic Growth IV: The Increase of Consumption Part of Economic Growth**
American Economic Association
Chairman: ASHER ISAACS, University of Pittsburgh
Price and Income Elasticity of Demand as Determinants of the Increase-of-Consumption Part of Economic Growth. ELIZABETH GILBOY, Harvard University
The Potentials of the Shifting of Price- and Income-Elasticity Demand Curves in Order to Keep the Economy Moving Forward. JAMES DUESENBERY, Harvard University
Brief Reports on Current Research Projects in Consumption and Demand
JOHN B. LANSING, University of Michigan
IRWIN FRIEND, University of Pennsylvania
HAROLD W. GUTHRIE, Yale University
ROBERT SCHLAIFER, Harvard University

NEW PRENTICE-HALL TEXTS . . .

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- **Selected Case Problems in Finance**
by Robert J. Oppitz
- **Comparative Economic Organization**
by Arthur Robert Burns
- **Credits and Collections, 4th**
by Richard P. Ettinger and David E. Golieb
- **Effective Business Report Writing**
by Leland Brown
- **Effective Personnel Selection Procedures**
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by Eric Roll
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by Theodore Morgan
- **Marketing: Selected Case Problems, 2nd**
by George R. Terry
- **Modern Office Management**
by C. L. Littlefield and R. L. Peterson
- **National Income: Analysis by Sector Accounts**
by Daniel C. Vandermeulen and Alice J. Vandermeulen
- **Personnel Management and Industrial Relations, 4th**
by Dale Yoder
- **Real Estate Questions and Practice Problems**
by Alfred A. Ring
- **Rural Appraisals**
by Earl F. Crouse and Charles H. Everett
- **Selected Case Problems in Retailing**
by David E. Faville
- **Techniques of Retail Merchandising, 2nd**
by John W. Wingate and Elmer O. Schaller
- **Traffic Management: Industrial, Commercial, Governmental**
by G. Lloyd Wilson



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ENGLEWOOD CLIFFS
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Thursday

2:30 p.m.
Commodore Hotel
East Ballroom

103. Economic Growth V: Government Expenditures and Economic Growth

American Economic Association

Chairman: ROY BLOUGH, Columbia University

Government Expenditures and the Long-Run Goals of Economic Growth. C. LOWELL HARRISS, Columbia University

Government Expenditures and the Short-Run Goal of Steady Growth. DAN T. SMITH, Harvard University

Discussion:

WALTER FROELICH, Marquette University

JOHN F. DUE, University of Illinois

MARION CLAWSON, Resources for the Future, Inc.

2:30 p.m.
Commodore Hotel
Main Ballroom

104. The Money Market Outlook

American Finance Association

Chairman: ROY L. REIERSON,
Bankers Trust Company

Panel Speakers:

LESTER V. CHANDLER, Princeton University

MARCUS NADLER, New York University

JAMES J. O'LEARY, Life Insurance Association of America

Panel Discussion:

ERNEST A. DAUER, Household Finance Corporation

DAVID M. KENNEDY, Continental Illinois National Bank & Trust Company

HAROLD X. SCHREDER, Distributors Group, Inc.

ARTHUR VINER, Voluntary Home Mortgage Credit Program

G. WALTER WOODWORTH, University of Michigan

2:30—5 p.m.
Roosevelt Hotel
Palm Oval

105. Decision Making in Local Unions

Industrial Relations Research Association

Chairman: JOEL SEIDMAN, University of Chicago

The Role of the Local Industrial Union in Contemporary Collective Bargaining. JOHN R. COLEMAN, Carnegie Institute of Technology

Decision Making in a Business Agent Group. HJALMAR ROSEN and R. A. HUDSON ROSEN, University of Illinois

Thursday

Areas of Worker Decision Making.

LAWRENCE B. COHEN, Columbia University

Discussion:

LEONARD SAYLES, University of Michigan

SEYMOUR MARTIN LIPSET, Center for Advanced Study in the Behavioral Sciences

2:30—4:30 p.m.

Roosevelt Hotel
Palm Room

106. What Kind of Training is Desirable for Students Headed for Jobs in Industrial Relations?

Industrial Relations Research Association

Chairman: R. W. FLEMING, University of Illinois

Panel:

E. WIGHT BAKKE, Yale University

NELSON M. BORTZ, Bureau of Labor Statistics

M. P. CATHERWOOD, Cornell University

LAWRENCE ROGIN, Textile Workers Union of America

GEORGE TORRENCE, General Time Corporation

2:30 p.m.

Biltmore Hotel
Bowman Room

107. Statistical Investigations of Regional Structure and Reactions

Joint Session: R.S.A., A.S.A.

Chairman: EWALD T. GREYER, University of California

Regional Variations in Money, Credit and Interest Rates. N. WOLLMAN, University of New Mexico

Differential Regional Impact of Federal Expenditures. ROBERT A. KAVESH and JAMES B. JONES, Dartmouth College

Discussion:

ALFRED C. NEAL, Federal Reserve Bank of Boston

SEYMOUR E. HARRIS, Harvard University

PAUL B. SIMPSON, University of Oregon

2:30 p.m.

Biltmore Hotel
Empire Room

108. New Developments and Problems in Research American Association of University Teachers of Insurance

Chairman: JOHN S. BICKLEY, Ohio State University

Paying for Medical Care in the United States. OSCAR SERBEIN, Jr., Columbia University

Federal Crop Insurance. RALPH R. BOTTS, U. S. Department of Agriculture

Fire Insurance Written under Perpetual Contracts. WILLIAM M. HOWARD, University of Florida

(Program of Meeting No. 108 continues on next page)

Thursday

Some Problems of Automobile Accident Injuries Research. JOHN F. ADAMS, Temple University

Experiment in Financial Analysis of Property Insurers. ROBERT A. HEDGES, University of Illinois

Insurance Consumption Patterns. WILLIAM H. WANDEL, Nationwide Insurance Companies

The Financial Experience of Life Insurance Trusts. PHILIP ELKIN, University of Pennsylvania

Research on Property Agency Continuation. JOHN D. LONG, Indiana University

2:30—4:30 p.m.

Biltmore Hotel
Stuyvesant Rooms

109. Contributed Papers

Biometric Society

Chairman: PAUL MEIER, Johns Hopkins University

One Likelihood Adjustment may be Inadequate. H. W. NORTON, University of Illinois

Some General Remarks on Quick Tests of Significance. D. R. COX, University of North Carolina

A Stochastic Attrition Type Model for the Growth of Bacteria. MAX A. WOODBURY, Logistics Research Project, Washington

The Teaching of Statistics in Egypt. A. E. SARHAN, Cairo

The Use of Chick Comb Biological Assay in the Study of Urinary Androgens. MINDEL C. SHEPS and PAUL L. MUNSON, Harvard Medical School

On the Egg-Laying-Egg-Eating Stochastic Processes of Flour Beetles. C. C. CHIANG, University of California (Berkeley)

4—6 p.m.

Biltmore Hotel
Music Room

110. Productivity: Long-Run Trends and Short-Run Fluctuations

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

Chairman: RAYMOND T. BOWMAN,
Office of Statistical Standards

Productivity Trends: Capital and Labor. JOHN KENDRICK, National Bureau of Economic Research

Cyclical Changes in Input-Output Relations. THOR HULTGREN, National Bureau of Economic Research

Thursday

Discussion:

JAMES KNOWLES, Joint Committee on the Economic Report

MILTON LIPTON, National Industrial Conference Board

4—6 p.m.

Biltmore Hotel
The Ballroom

111. What Business Expects from Operations Research

American Statistical Association

Chairman: FRANCIS MCINTYRE,
California-Texas Oil Co., Ltd.

What Business Expects from Operations Research. MELVIN L. HURNIE, General Electric Co.

Applications of Operations Research. WELDON GIBSON, Stanford University

Discussion:

DAVID NOVICK, The Rand Corporation
ANDREW SCHULTZ, Cornell University

4—6 p.m.

Biltmore Hotel
Vanderbilt Suite

112. New Developments in Experimental Social Science

Joint Session: A.S.A., I.M.S.

Chairman: FRED L. STRODTBECK,
University of Chicago

Monte Carlo Methods in an Experimental Test of an Interaction Model. DAVID G. HAYS, The Rand Corporation

Some Theoretical Problems of Lexico-Statistics. MORRIS SWADESH, Denver, Colorado

Mathematical Models for the Empirical Study of Decision-Making. PATRICK SUPPES, Stanford University

Discussion:

HERBERT SOLOMON, Columbia University
LEONARD J. SAVAGE, University of Chicago
DAVID R. COX, University of Cambridge



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J.P.

Thursday

4—6 p.m.

Biltmore Hotel
Cafe Moderne

113. Design of Industrial Experiments
American Statistical Association

Chairman: R. J. HADER,
North Carolina State College

Applications of Statistics to Tire Testing. R. D. STIEHLER, National Bureau of Standards

Analysis of Factorial 2ⁿ Experiments. ALLAN BIRNBAUM, Columbia University

Discussion:

R. L. ANDERSON, North Carolina State College

4—6 p.m.

Biltmore Hotel
Versailles Salon

114. Recognized Needs for Mathematical Tables Among Statisticians

Institute of Mathematical Statistics

Chairman: ALBERT BOWKER, Stanford University
Discussion Session

4 p.m.

Commodore Hotel
Parlors B and C

115. Contributed Papers
Econometric Society

Chairman: KENNETH ARROW, Stanford University

External Economies of Consumption. GERHARD TINTNER, Iowa State College

Economics of Racial Discrimination. GARY S. BECKER, University of Chicago

On Some Stochastic Process Formulations of Individual Preference and Consumer Behavior. DAVID ROSENBLATT, American University

Discussion:

GEORGE H. BORTS, Brown University

EDWIN KUH, Massachusetts Institute of Technology

5 p.m.

Commodore Hotel
Main Ballroom

Business Meeting

American Finance Association

5—6 p.m.

Biltmore Hotel
Emerald Suite #110

Annual Meeting

The Biometric Society (E.N.A.R.)

5—6 p.m.

Roosevelt Hotel
Palm Terrace

Business Meeting

Industrial Relations Research Association

Thursday

8 p.m.

Biltmore Hotel
The Ballroom

116. Presidential Address — Ralph J. Watkins
American Statistical Association

8:30 p.m.

Commodore Hotel
Main Ballroom

118. Presidential Address

American Economic Association

Chairman: JOHN M. CLARK, Columbia University
Agriculture in the Economy of the Nation. JOHN
D. BLACK, Harvard University

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GOVERNMENT STATISTICS FOR BUSINESS USE, 2nd Ed.

Edited by PHILIP M. HAUSER, University of Chicago; and WILLIAM R. LEONARD, Statistical Office, United Nations. 1956. Approx. 450 pages. Prob. \$6.75.

MEASURING BUSINESS CHANGES

A Handbook of Significant Business Indicators

By RICHARD M. SNYDER, E. I. du Pont de Nemours & Co. 1955. 382 pages. \$7.95.

THE TERMS OF TRADE

A European Case Study

By CHARLES P. KINDLEBERGER, The Massachusetts Institute of Technology; with the assistance of Herman G. van der Tak and Jaroslav Vanek. 1956. In press.

INCOME OF THE AMERICAN PEOPLE

By HERMAN P. MILLER, U. S. Bureau of the Census. Sponsored by the Social Science Research Council. 1955. 206 pages. \$5.50.

AMERICAN AGRICULTURE

Its Structure and Place in the Economy

By RONALD L. MIGHELL, U. S. Department of Agriculture. Sponsored by the Social Science Research Council. 1955. 187 pages. \$5.00.

INTRODUCTION TO INTERNATIONAL TRADE AND FINANCE

By LORIE TARSHIS, Stanford University. 1955. 536 pages. \$6.00.

A STATISTICAL STUDY OF LIVESTOCK PRODUCTION AND MARKETING

Cowles Commission Monograph #15

By CLIFFORD HILDRETH, North Carolina State College, and F. G. JARRETT, University of Adelaide, South Australia. 1955. 156 pages. \$4.50.

WORKMEN'S COMPENSATION

The Prevention, Insurance, and Rehabilitation of Occupational Disability

By HERMAN M. SOMERS, Haverford College, and ANNE R. SOMERS. 1954. 341 pages. \$6.50.

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Monopoly in America: The Government as Promoter

by **WALTER ADAMS** and **HORACE M. GRAY**

*Introduction by SENATOR PAUL DOUGLAS, former President of
the American Economic Association*

The basic thesis of this book is: that the anti-trust laws are no longer adequate to insure the perpetuation of a freely competitive enterprise system; that government has by administrative action consciously or unconsciously promoted monopoly; and that, conversely, government can in the future use its power to promote competition. Case discussion supplements these basic ideas.

The authors trace the impact on the competitive structure of the economy resulting from governmental policies with respect to: (1) taxation, (2) regulation, (3) procurement, (4) disposal of surplus property, and (5) legislation. In each case specific practical recommendations are made on how the government can use its powers to promote competition and prevent monopoly.

Published in November, 1955

\$2.75

American Local Government and Administration

by **HAROLD F. ALDERFER**

*Head, Department of Political Science
Pennsylvania State University*

This new text offers a thorough, up-to-date consideration of all forms of local government in the United States: municipal, county, town, township, school district and special districts. In addition to an authoritative discussion of such problems as finance, administration, traffic, education and public planning, Dr. Alderfer offers a detailed analysis of state-local and federal-local relations, as well as of the historical development of local government. The text, which includes the latest investigations in this field of study (notably the reports of the Commission on Intergovernmental Relations and recent census material), is supplemented by a unique and highly significant selection of charts and an extensive bibliography.

To be published in the Spring, 1956

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3 *important texts* *to be published in the Spring*

Effective Advertising Copy

by **MERRILL DeVOE**, *Marketing and Advertising Consultant, Santa Monica, California*

This practical text, designed especially for classroom use, covers *the complete ad*—both as a selling agent and as a piece of effective writing. Incorporating the all around advertising know-how of leading experts, the author provides the what, how and why of effective copy based on extensive experience and research. The emphasis throughout is on the universality of copy principles and their application to all media. Practicing ad men as well as instructors will find this book helpful.

The Business Law of Real Estate

by **GERALD O. DYKSTRA**, *Professor of Business Law, University of Michigan*, and **LILLIAN G. DYKSTRA**, *formerly Instructor of Business Law, Ohio University*

An important text and authoritative reference, this book presents the legal principles and rules pertaining to real property. The practical applications of these rules and principles are illustrated by nearly *100 court decisions reported in full*, as well as reference to the facts and decisions of hundreds of additional cases which range from the classic to the present day. Illustrative statutes are set forth to show changes in, or codification of, the common law.

Modern Life Insurance, Revised Edition

by **ROBERT I. MEHR**, *Professor of Economics, University of Illinois*, and **R. W. OSLER**, *Vice President and Editor of Life Insurance Publications*

Completely revised, this basic textbook incorporates many important changes. A preliminary chapter on *Life Insurance in the American Economy* is added, and there is new material on each of the following topics: (1) types of policies, (2) policy provisions, with one chapter devoted exclusively to policy options, and (3) rate making and financial management. A unique addition to the text is the subject of Accident and Sickness Insurance which is discussed along with Life Insurance.

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SUMMARY OF FRIDAY MEETINGS

Meeting No.

- | | | |
|-----|------------|---|
| 119 | 8 a.m. | Case Materials (AEA)—Breakfast |
| 120 | 8:30 a.m. | Federal Reserve Board Committee Reports II
(ASA, AEA) |
| 121 | | Productivity: Problems & Methods of Measurement (ASA) |
| 122 | | Use of Decision Function Theory in Engineering (ASA) |
| 123 | 9 a.m. | Contributed Papers III (IMS) |
| 124 | 9:30 a.m. | Economic Growth VI (AEA) |
| 125 | | Economic Growth VIII (AEA, AFA) |
| 126 | | Land Tenure Situation Around the World (AFEA, AEA) |
| 127 | | Economics in the Curricula of Schools of Business (AEA) |
| 128 | | Influences on Management Decision-Making in
Collective Bargaining (IRRA) |
| 129 | | Contributed Papers (IRRA) |
| 130 | | Gravity and Potential Models (RSA) |
| 131 | | Application of Mathematical Programming to Industrial
Problems (ES) |
| 132 | 10:30 a.m. | Statistical Needs for Analyzing the International Trade
and Payments Situation II (ASA) |
| 133 | | Special Programs for Teaching Experimental Statistics
to Scientists (ASA) |
| 134 | | Methodology of Studying Motivation (ASA, IMS) |
| 135 | | Putting Census Tracts to Work (ASA) |
| 136 | 11 a.m. | Unpublished Mathematical Tables of Interest to
Statisticians (IMS) |
| | 12 Noon | Incoming Board and Council (ASA)—Luncheon |
| | 12:30 p.m. | Editors of Social Science Journals—Luncheon |
| 137 | | 1955 Census Tract Conference (ASA)—Luncheon |
| 138 | 2 p.m. | Estimation of Economic Relationships (ES, AFEA)
Contributed Papers IV (IMS) |
| 139 | | Contributed Papers I (Business Economics and Social
Statistics Sections, ASA) |
| 140 | | Contributed Papers II (Biometric Section and Section on
Physical and Engineering Sciences, ASA) |
| 141 | 2:30 p.m. | Minimum Wages and other Labor Standards
(AFEA, AEA) |
| 142 | | Economic Growth IX (AEA) |
| 143 | | The Economic Potentials of Africa (AEA) |
| 144 | | Economic Thought and Its Application and Methodology
in the East (AEA) |
| 145 | | Consumer Credit in the Postwar Decade (AFA) |
| 146 | | Contributed Papers (RSA) |
| 147 | 4 p.m. | Contributed Papers III (Biometric Section and Section
on Physical and Engineering Sciences, ASA) |
| 148 | | Some Applications of Econometrics to Transportation
Problems (ES) |
| | 5 p.m. | Business Meeting (AEA) |
| | 6 p.m. | Executive Committee (AFEA)—Dinner |
| | 6:15 p.m. | Incoming Executive Committee (AEA)—Dinner |

SCHEDULE OF MEETINGS

Friday, December 30, 1955

- 8 a.m.**
Commodore Hotel
Parlor A
- 119. Development and Use of Case Materials in Education for Business — Breakfast**
American Economic Association
Chairman: RAYMOND W. COLEMAN,
West Virginia University
Distribution of Information about New Cases. ANDREW R. TOWL, Harvard Graduate School of Business Administration
Current Use of Cases in Educational Programs. WILEY MITCHELL, University of Kansas
- 8:30—10:30 a.m.**
Biltmore Hotel
Music Room
- 120. Federal Reserve Board Committee Reports: Inventory Statistics, Investment Expectations, General Business Expectations — II**
Joint Session: A.S.A., A.E.A.
Chairman: MARTIN R. GAINSBROUGH,
National Industrial Conference Board
Investment Expectations. IRWIN FRIEND,
University of Pennsylvania
Inventory Statistics. WILLIAM SHAW, Du Pont
Discussion:
JOHN W. LEHMAN, Joint Committee on the Economic Report
ROBERT EISNER, Northwestern University
- 8:30—10:30 a.m.**
Biltmore Hotel
The Ballroom
- 121. Productivity: Problems and Methods of Measurement**
American Statistical Association
Chairman: ROBERT W. BURGESS,
Bureau of the Census
Measuring Short-Run Changes in Output Per Man-Hour: Methods, Problems and Findings. LEON GREENBERG, JACK ALTERMAN and ALLEN SEARLES, Bureau of Labor Statistics
Problems of Using Monthly Production Indexes to Measure Changes in Output Per Man-Hour. LORMAN C. TRUEBLOOD, Board of Governors of the Federal Reserve System
Discussion:
GEORGE P. HITCHINGS, Ford Motor Co.
KATHERINE P. ELLICKSON, C.I.O.

Announcing for Spring 1956

Money, Banking, and National Income

by J. WHITNEY HANKS and ROLAND STUCKI

This text presents a systematic integration of monetary theory, commercial and central banking practices, and national income changes. Emphasis is placed on the national income approach to economic analysis, and this approach is integrated with the institutional discussions. It seeks to aid the student to a better understanding of the monetary, banking, and fiscal forces which affect income, employment, and price changes within the economy. 520 pages, \$6.00 text.

The Dynamics of the American Economy

by CHARLES H. HESSION, S. M. MILLER, and
CURWEN STODDART

A new, readable, and provocative text for the introductory course in economics. Employing an institutional and behavioral approach, it depicts the actual functioning of the contemporary American economy. It offers a framework based not only on traditional economic concepts but on insights from the behavioral sciences, and applies this frame to the major areas of economic behavior. 600 pp., \$5.75 text.

Labor Economics and Problems at Mid-Century

by SIDNEY C. SUFRIN and ROBERT C. SEDGWICK

This book combines theoretical material with its application to labor problems and legal and social institutions of the present-day United States. It stresses the pragmatic nature of judicial, legislative, and institutional behavior in the labor scene, and recognizes the importance of non-economic factors in economic decisions. For an introductory course in labor economics. 386 pages, \$5.75 text.

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Friday

- 8:30—10:30 a.m.**
Biltmore Hotel
Biltmore Suite
- 122. Use of Decision Function Theory in Engineering**
American Statistical Association
Chairman: CUTHBERT DANIEL, New York City
Decision Theory Aspects in the Design and Analysis of Engineering Experiments. P. GUNTHER and J. A. ZOELLNER, General Electric Co.
A Three Decision Problem Concerning the Mean of a Normal Distribution. R. E. BECHHOFFER, Cornell University
A Sequential Procedure for Selecting the Best of Several Exponential Populations. M. SOBEL, Bell Telephone Laboratories
- 9—11 a.m.**
Biltmore Hotel
Cafe Moderne
- 123. Contributed Papers III**
Institute of Mathematical Statistics
Chairman: S. N. ROY, University of North Carolina
- 9:30 a.m.**
Commodore Hotel
Main Ballroom
- 124. Economic Growth VI: The Monetary Role in Balanced Economic Growth**
American Economic Association
Chairman: JAMES W. ANGELL, Columbia University
Paper:
CHARLES R. WHITTLESEY, University of Pennsylvania
Panel:
EDWARD S. SHAW, Stanford University
PAUL W. McCracken, University of Michigan
HOWARD S. ELLIS, University of California
IRA O. SCOTT, University of Minnesota
YALE BROZEN, Northeastern University
- 9:30 a.m.**
Commodore Hotel
East Ballroom
- 125. Economic Growth VIII: Highway Development and Financing**
Joint Session: A.E.A., A.F.A.
Chairman: WALTER W. HELLER, University of Minnesota
Highway Development and Financing as a Case Study in the Problem. The Chairman and OSWALD BROWNLEE, University of Minnesota
Panel:
HAROLD M. GROVES, University of Wisconsin
JAMES C. NELSON, Washington State College
WILLIAM D. ROSS, Louisiana State University
ARNOLD M. SOLOWAY, Harvard University
HAROLD W. TORGERSON, Northwestern University

Friday

- 9:30 a.m.**
Commodore Hotel
West Ballroom
- 126. The Land Tenure Situation Around the World**
Joint Session: A.F.E.A., A.E.A.
Chairman: JOSEPH ACKERMAN, Farm Foundation
Introductory paper:
KENNETH H. PARSONS, University of Wisconsin
Papers by individual countries:
LEE R. MARTIN, North Carolina State College
JOSE VERGARA, Spanish Embassy
THOMAS H. STRONG, Bureau of Agricultural Economics, Australia
EDMUNDO FLORES, Nacional Financiera, Mexico
WOLF LADEJINSKY, U. S. Department of State
Question period: Led by the Chairman
- 9:30 a.m.**
Commodore Hotel
Parlor A
- 127. Economics in the Curricula of Schools of Business**
American Economic Association
Chairman: RAYMOND T. BOWMAN, University of Pennsylvania
Over-All Statement of the Problem and Situation.
NEIL H. JACOBY, University of California
By universities:
GEORGE LEE BACH, Carnegie Institute of Technology
MELVIN G. DE CHAZEAU, Cornell University
DONALD W. O'CONNELL, Columbia University
ARTHUR M. WEIMER, University of Indiana
EWALD T. GREYER, University of California
- 9:30 a.m.—12 Noon**
Roosevelt Hotel
Palm Room
- 128. Influences on Management Decision-Making in Collective Bargaining**
Industrial Relations Research Association
Chairman: DANIEL BELL, Fortune Magazine
- 9:30 a.m.—12 Noon**
Roosevelt Hotel
Palm Oval
- 129. Contributed Papers**
Industrial Relations Research Association
Chairman: EWAN CLAGUE, Bureau of Labor Statistics
The Case for Henry Simons' Trade Unionism.
WILLIAM H. PETERSON, New York University
Maritime Subsidies and Maritime Labor-Management Relations. JOSEPH GOLDBERG, Bureau of Labor Statistics

Friday

The No-Raiding Agreements: A Progress Report for 1955. JOSEPH KRISLOV, American Federation of State, County and Municipal Employees

Union-Management Sponsored Employee Attitude Surveys: Some Implications and Results of a Case Study. JOHN MCCOLLUM, University of Chicago

Some Notes on the Integration of Mexican-Americans Since 1929, Nueces County, Texas.
MARJORIE S. BROOKSHIRE, San Diego State College

9:30 a.m.

Biltmore Hotel
Stuyvesant Rooms

130. Gravity and Potential Models

Regional Science Association

Chairman: WILLIAM APPLEBAUM,
Harvard University

Potential Models and the Spatial Distribution of Population. THEODORE R. ANDERSON, Yale University

The Market Potential Concept and the Analysis of Location. EDGAR S. DUNN, Jr., University of Florida

Discussion:

A. J. JAFFE, Columbia University

HOWARD L. GREEN, Shop & Shop, Inc.

GERALD A. P. CARROTHERS, Massachusetts Institute of Technology

9:30 a.m.

Commodore Hotel
Parlors B and C

131. Application of Mathematical Programming to Industrial Problems

Econometric Society

Chairman: To be announced

An Approximate Method for Optimum Machine Loading in a Paper Company. DONALD JENNINGS and FRANCIS G. WALKER, Touche, Niven, Bailey and Smart

Geographical Distribution of Production in Multiple Plant Operation. JOHN D. DILLON, Mellon Institute of Industrial Research

A Method for Programming Rail Freight Movements. A. CHARNES, Purdue University, and MERTON MILLER, Carnegie Institute of Technology

Friday

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Music Room

132. Statistical Needs for Analyzing the International Trade and Payments Situation — II
American Statistical Association

Chairman: J. EDWARD ELY, Bureau of the Census
Inventory Fluctuations and U. S. Imports. EDWARD MARCUS, Brooklyn College

The Role of Middleman Transactions in World Trade. ROBERT LICHTENBERG, National Bureau of Economic Research

Discussion:

WILLIAM BUTLER, The Chase Manhattan Bank
BORIS SWERLING, Stanford University

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Biltmore Suite

133. Special Programs for Teaching Experimental Statistics to Scientists
American Statistical Association

Chairman: GLENN L. BURROWS,
U. S. Department of Agriculture

Gordon Conference. LEE CRUMP, University of Rochester

Special Training Arranged by Local Sections of American Chemical Society. W. J. YODEN, National Bureau of Standards

Foreign Programs. GERTRUDE M. COX, University of North Carolina

Statistical Symposia for Biological Scientists. E. L. LECLERG, U. S. Department of Agriculture

ASQC Training Courses in Experimental Statistics. MAX ASTRACHAN, U. S. Air Force

Storrs Conference. J. W. TUKEY, Princeton University

Discussion:

PAUL G. HOMEYER, Iowa State College
EDWIN G. OLDS, Carnegie Institute of Technology

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Vanderbilt Suite

134. Methodology of Studying Motivation
Joint Session: A.S.A., I.M.S.

Chairman: FREDERICK MOSTELLER,
Harvard University

Friday

Some Statistical Aspects of the Q Technique. R. R. BAHADUR and D. L. WALLACE, University of Chicago

Projective Measurement of Sexual Motivation. RUSSELL A. CLARK, University of Michigan

Industrial Mobility of Labor as a Probability Process. ISADORE BLUMEN, MARVIN KOGAN, and PHILIP MCCARTHY, Cornell University

Discussion:

WILLIAM STEPHENSON, Greenwich, Conn.

ANDREW BAGGALEY, University of Wisconsin

LEO GOODMAN, University of Chicago

10:30 a.m.—
12:30 p.m.
Biltmore Hotel
Empire Room

135. Putting Census Tracts to Work

American Statistical Association

Chairman: HOWARD WHIPPLE GREEN,
Cleveland Health Council

How the Retailer Uses Census Tracts. SIDNEY COHEN, The Hecht Co.

Census Tract Data Used in Urban Renewal Studies in Philadelphia. WILLIAM L. RAFSKY, Housing Coordinator, Philadelphia

Census Program for Central Business Districts. HARVEY KAILIN, Bureau of the Census

Discussion:

DONALD R. G. COWAN, University of Michigan

MORTON HOFFMAN, *Housing Authority, Baltimore City*

11 a.m.—1 p.m.
Biltmore Hotel
Cafe Moderne

136. Unpublished Mathematical Tables of Interest to Statisticians

Institute of Mathematical Statistics

Chairman: DAN TEICHROEW,
National Cash Register Company

Discussion Session

Friday

12:30 p.m.
Biltmore Hotel
The Ballroom

- 137. 1955 Census Tract Conference — Luncheon**
American Statistical Association
Chairman: HOWARD WHIPPLE GREEN,
Cleveland Health Council
City Annexations and Their Effect on Tract Boundaries. WILBUR E. McCANN, Los Angeles Chamber of Commerce
Role of Local Census Tract Committees in Census Bureau Programs. C. E. BATSCHULET, Bureau of the Census
Measuring Family Cohesion with the Aid of Census Facts by Tracts. ISIDOR CHEIN, New York University
The Use of Census Tracts in Studies in Gerontology. BERNARD KUTNER, Cornell University Medical College
Using Census Tracts in Epidemiology. ELEANOR S. MACDONALD, M.D., Anderson Hospital, Houston
Recent Developments in the Use of Census Tracts in the Community. Speakers to be announced

2 p.m.
Biltmore Hotel
Music Room

- 138. Estimation of Economic Relationships**
Joint Session: E.S., A.F.E.A.
Chairman: To be announced
Supply Functions for Selected Agricultural Commodities. MARC NERLOVE, University of Chicago
A Dynamic Study of the Onion Market. DANIEL SUITS and SUSUMU KOIZUMI, University of Michigan
Effects of Shocks and Errors in Estimation: An Empirical Comparison. GEORGE W. LADD, University of Illinois
Discussion:
GORDON KING, U. S. Department of Agriculture
GERHARD TINTNER, Iowa State College

2—4 p.m.
Biltmore Hotel
Cafe Moderne

Contributed Papers IV
Institute of Mathematical Statistics

Friday

2-4 p.m.

Biltmore Hotel
Vanderbilt Suite

139. Contributed Papers — I

American Statistical Association, Business and Economic Statistics Section and Social Statistics Section

Chairman: SEYMOUR L. WOLFBEIN,
Bureau of Labor Statistics

A Survey of Recent Industrial Census Programmes in 50 Countries. CLAIRE DOBLIN, United Nations

The Urban Sex Ratio. CHESTER ALEXANDER, Westminster College

The Contraharmonic Mean EX^2 over EX . NATHAN JASPEN, National League for Nursing, Inc.

On the Sampling Errors of Differences in Multi-Stage Samples. LESLIE KISH and IRENE HESS, University of Michigan

Unemployment Compensation System in the U.S. WILLIAM NETSCHERT, N. J. Division of Employment Security

A Psychometric Analysis of Employee Performance. JAMES P. GEORGE, Washington, D. C.

New Findings on Upper Income Shares. VICTOR PERLO, Flushing, N. Y.

The Impact of the Recent Recession and Recovery on the Factory Workweek. SAM MORGENSTEIN, Bureau of Labor Statistics

Quantitative Measurements of the Intermetropolitan Wage Structure. WILLIAM GOLDNER, Bowling Green State University

Postwar Trends in the Labor Force and the Concept of Labor Force Stability. SOPHIA COOPER and ABRAHAM BLUESTONE, Bureau of Labor Statistics

Some Sampling Problems in the Construction of Price Indexes. ROBERT E. LIPSEY, National Bureau of Economic Research

Manufacturers Orders as Indicators of Cyclical Revivals and Recessions. VICTOR ZARNOWITZ, National Bureau of Economic Research

Capital Costs of Urbanization. CAROLYN SHILLING, Columbia University

Friday

2-4 p.m.

Biltmore Hotel
Biltmore Suite

140. Contributed Papers — II

American Statistical Association, Biometric Section and Section on Physical and Engineering Sciences

Chairman: BOYD HARSHBARGER,
Virginia Polytechnic Institute

Sampling Distributions When the Sample is Drawn from a Finite Normal Population. ANDRE G. LAURENT, Michigan State University

On the Consistency of Subjective Rating. J. E. FREUND and A. N. POZNER, Virginia Polytechnic Institute

Maximum Likelihood Estimators of the Parameters of a Trivariate Normal Population from Incomplete Data. GEORGE L. EDGETT, Queen's University

The Derivation and Use of an Alternative to the Analysis of Variance. M. C. K. TWEEDIE, Virginia Polytechnic Institute

The Comparison of the Sensitivities of Experiments Using Different Scales of Measurement. D. E. W. SCHUMANN, Virginia Polytechnic Institute

A Test of Longevity of Two Types of Hypodermic Syringes Conducted Under Operational Conditions. BERTRAM W. HAINES, Johns Hopkins University

2:30 p.m.

Commodore Hotel
West Ballroom

141. Minimum Wages and Other Labor Standards Considered in Relation to Economic Growth in Underdeveloped Countries

Joint Session: A.F.E.A., A.E.A.

Chairman: KARL BRANDT, Stanford University

In Factory Employment. ELMO P. HOHMAN, Northwestern University

In Small-Scale and Cottage Industry. JEANNE S. MINTZ, New York City

In Agriculture. LOUIS J. DUCOFF, U. S. Department of Agriculture

Supplementary statements:

EGBERT DEVRIES, International Bank for Reconstruction and Development.

JOHN P. WINDMULLER, Cornell University

J. HENRY RICHARDSON, University of California

Friday

2:30 p.m.
Commodore Hotel
Main Ballroom

142. Economic Growth IX: Unemployment as a Phase of Economic Growth

American Economic Association

Chairman: EDWIN G. NOURSE,
Joint Council on Economic Education

The Structure of Unemployment in the U. S. ISADOR LUBIN, Industrial Commissioner, State of New York

Discussion:

EWAN CLAGUE, U. S. Department of Labor
LAZARE TEPER, International Ladies Garment Workers' Union

Measures to be Taken at Different Levels and Distributions of Unemployment. ALBERT G. HART, Columbia University

Discussion:

ALBERT S. EPSTEIN, International Association of Machinists

Question period

2:30 p.m.
Commodore Hotel
East Ballroom

143. The Economic Potentials of Africa

American Economic Association

Chairman: JOHN W. GARDNER,
Carnegie Corporation of New York

Economic Development—The African Scene.

WILLIAM A. HANCE, Columbia University

African Economic Development in Cross-Cultural Perspective. MELVILLE J. HERSKOVITS, Northwestern University

Discussion:

LLOYD G. REYNOLDS, Yale University
CALVIN W. STILLMAN, University of Chicago
SANFORD A. MOSK, University of California

Friday

2:30 p.m.
Commodore Hotel
Parlor A

- 144. Economic Thought and Its Application and Methodology in the East**
American Economic Association
Chairman: JOHN M. CLARK, Columbia University
Japan. MARTIN BRONFENBRENNER, University of Wisconsin
India. MAX F. MILLIKAN, Massachusetts Institute of Technology
Pakistan. A. K. BROHI, United Nations General Assembly
The Middle East. A. J. MEYER, Harvard University, and DON PATINKIN, Johns Hopkins University
Question period. Led by the Chairman

2:30 p.m.
Commodore Hotel
Parlors B and C

- 145. Consumer Credit in the Postwar Decade**
American Finance Association
Chairman: HOMER JONES, Board of Governors of the Federal Reserve System
Presentations:
Postwar Development in the Consumer Credit Market. ROBERT SHAY, University of Maine
Consumer Instalment Credit Insurance. WALLACE MORS, Babson Institute
Some Factors in the Growth of Consumer Credit. ROBERT E. LEWIS, The First National City Bank of New York
Discussion:
EDWARD A. DUNBAR, Beneficial Management Corp.
ROBERT JOHNSON, University of Buffalo
SIDNEY ROLFE, C.I.T. Financial Corporation
EDMUND B. WHITTAKER, The Prudential Insurance Company of America

2:30 p.m.
Biltmore Hotel
Stuyvesant Rooms

- 146. Contributed Papers**
Regional Science Association
Chairman: LEON N. MOSES,
Harvard Economic Research Project
Metropolitan Suburbs: A Descriptive Study. LEE F. SCHNORE, Brown University
Factors in the Location of Administrative Offices, with Particular Reference to the San Francisco Bay Area. DONALD L. FOLEY, University of California
Hawaii, a Case Study in Regional Analysis and Area Development. JAMES H. SHOEMAKER, Bank of Hawaii

Friday

A Note on the Potential of Income and Population.
MARTIN J. BECKMANN, Center for Advanced Study
in the Behavioral Sciences

4—6 p.m.

Biltmore Hotel
Biltmore Suite

147. Contributed Papers — III

American Statistical Association, Biometric Section and Section on Physical and Engineering Sciences

Chairman: GEORGE L. EDGETT, Queen's University
Applicability of Distribution—Free and Other Simplified Statistics in Medical Research and Biometry.
RICHARD D. REMINGTON, University of Oregon and Montana State University

Errors Associated with Process Adjustments. R. A. FREUND, W. G. HOWE, and J. E. JACKSON, Eastman Kodak Company

On the Power of Multiple Range Tests. R. LOWELL WINE, Virginia Polytechnic Institute

The Introduction of Risk into a Programming Model.
R. J. FREUND, Virginia Polytechnic Institute

Theoretical Considerations Incident to the Construction of an Uphill Truck Lane or Passing Bay in a Mountainous Area. JAMES P. GEORGE, C. B. Caldwell Associates

The Effect of Closing Rate on Visual Detection Probabilities. ROBERT MIRSKY, Cornell Aeronautical Laboratory, Inc., Buffalo

4 p.m.

Biltmore Hotel
Music Room

148. Some Applications of Econometrics to Transportation Problems

Econometric Society

Chairman: GEORGE H. BORTS, Brown University
Estimating the Utilization of the World Merchant Fleet. W. W. FLEXNER and HAN-SON CHU, Statistical Office of the United Nations.

An Analysis of Ocean Liner Freight Rates.
BENJAMIN CHINITZ, Dartmouth College

Estimation of Rail Expense Functions. VOLKERT WHITBECK, The Bank of New York

Discussion:

THOR HULTGREN, National Bureau of Economic Research

JAMES C. NELSON, State College of Washington

5 p.m.

Commodore Hotel
Main Ballroom

Business Meeting

American Economic Association

BUSINESS MEETINGS

(All participating associations would like to see a larger participation of their members in their statutory business meetings. Make sure you attend the business meeting of your association!)

- Tuesday**
12 Noon ASA Social Statistics Section
Biltmore Hotel Business Meeting—Luncheon
Stuyvesant Rooms
- Wednesday**
2 p.m. ASA Section of Physical and Engineering Sciences
Biltmore Hotel Business Meeting
Versailles Salon
- 4:30 p.m.** AAUTI Annual Business Meeting
Roosevelt Hotel
Vanderbilt 3-4-5
- 5 p.m.** RSA Business Meeting
Biltmore Hotel
Empire Lounge
- Biltmore Hotel** ASA Biometric Section—Annual Meeting
Emerald Suite # 110
- 6 p.m.** IMS Business Meeting
Biltmore Hotel
Music Room
- Thursday**
8:30 a.m. ASA Business and Economic Statistics Section
Biltmore Hotel Business Meeting—Breakfast
Versailles Salon
- Biltmore Hotel** ASA Section on Training
Emerald Suite # 110 Business Meeting—Breakfast
- 5 p.m.** AFA Business Meeting
Commodore Hotel
Main Ballroom
- Biltmore Hotel** BS (ENAR), Annual Meeting
Emerald Suite # 110
- Roosevelt Hotel** IRRR Business Meeting
Palm Terrace
- Friday**
5 p.m. AEA Business Meeting
Commodore Hotel
Main Ballroom

MEETINGS OF ASSOCIATION COMMITTEES AND OF FEE EVENTS

Tuesday, December 27, 1955

- 8 a.m.** AMA Market Research Techniques Committee
Roosevelt Hotel
Room E
- 9:45 a.m.** AMA National Industrial Marketing Committee
Roosevelt Hotel
Room E
- 10 a.m.** AMA Company Membership Committee
Roosevelt Hotel
Room F
- Roosevelt Hotel** AMA National Conference Committee
Library
- 11 a.m.** AMA National Membership Committee
Roosevelt Hotel
Room E
- 5 p.m.** IMS 1955 Council Meeting
Biltmore Hotel
Emerald Suite #110
- 5:30 p.m.** AMA Nominating Committee
Roosevelt Hotel
Room E
- Roosevelt Hotel** AMA Agricultural Marketing Committee
Room F
- 7:30 p.m.** AFA Board of Directors
Commodore Hotel
Room 102

Wednesday, December 28, 1955

- 7:30 a.m.** AAUTI: CLU-CPCU Breakfast Meeting
Roosevelt Hotel
Small Ballroom
- 8 a.m.** AFA Editorial Board—Breakfast
Commodore Hotel
Room 103
- 8:30 a.m.** ASA Chapter Presidents, Secretaries and District Representatives—Breakfast
Biltmore Hotel
Versailles Salon
- 10 a.m.** AEA Outgoing Executive Committee
Commodore Hotel
Room 102

Wednesday

- Roosevelt Hotel** AMA Teaching of Marketing Research
Library
- 12:30 p.m.** AEA Executive Committee—Luncheon
Commodore Hotel
Room 102
- 3 p.m.** AMA Committee on Techniques of Marketing
Roosevelt Hotel
Room E
- 5 p.m.** IRRA Executive Board Meeting and Dinner
Roosevelt Hotel
Roosevelt Room
- Commodore Hotel** University of Chicago—Cocktail Party
West Ballroom
- 5:45 p.m.** AMA Cocktail Party and Film, *The Salesman*
Roosevelt Hotel
Grand Ballroom
- 6 p.m.** Transportation and Public Utilities Group—Cocktail
Party
Commodore Hotel
Parlors B and C
- 7:30 p.m.** AMA Chapter Presidents—Dinner
Roosevelt Hotel
Small Ballroom
- 7:45 p.m.** AMA Special Award Committee
Roosevelt Hotel
Room F
- 8:30 p.m.** IMS 1956 Council
Biltmore Hotel
Emerald Suite # 112

Thursday, December 29, 1955

- 7:30 a.m.** University of Minnesota—Breakfast
Commodore Hotel
South Room
- 8 a.m.** Indiana University—Breakfast
Longchamps
Restaurant
42nd St. & Lexington Ave.
- Biltmore Hotel** Wisconsin Alumni—Breakfast
Music Room
- Commodore Hotel** Secretaries of Allied Social Science Associations—
Room 102 Breakfast

Thursday

- 8:15 a.m.** Alumni and Faculty Breakfast—Cornell Univ.
Schraff's Restaurant N. Y. State School of Ind. and Labor Rel.
5th Ave. & 45 St.
- 12 Noon** ASA Outgoing Board of Directors—Luncheon
Biltmore Hotel
Emerald Suite # 110
- 12:30 p.m.** Transportation and Public Utilities Group—Luncheon
Commodore Hotel
Parlor A
- 5:30 p.m.** University of Michigan—Cocktail Party
Biltmore Hotel
Stuyvesant Rooms
- 6 p.m.** AFA Incoming Board of Directors
Commodore Hotel
Room 102
- 8:30 p.m.** IRRA—Smoker
Roosevelt Hotel
Palm Terrace
- 9 p.m.** ASA, IMS Informal Party
Biltmore Hotel
Ballroom
- 9:30 p.m.** University of Illinois—Smoker
Commodore Hotel
Parlor A

Friday, December 30, 1955

- 8 a.m.** Chairmen of Economics Departments—Breakfast
Commodore Hotel
Room 102
- 12:30 p.m.** Editors of Social Science Journals—Luncheon
Commodore Hotel
Room 103
- Biltmore Hotel** ASA Incoming Board and Council—Luncheon
Versailles Salon
- 6 p.m.** AFEA Executive Committee—Dinner
Commodore Hotel
Room 103
- 6:15 p.m.** AEA Incoming Executive Committee—Dinner
Commodore Hotel
Parlor A

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PROGRAM OF THE CATHOLIC ECONOMIC ASSOCIATION

Thursday, December 29, 1955

12 Noon
Roosevelt Hotel
Vanderbilt 1
(2nd Floor)

Executive Committee, C.E.A.

2 p.m.
Roosevelt Hotel
The Small Ballroom

Order Forming in a Pluralistic Economy

Chairman: MAURICE HART, Fordham University

Economic Theory of a Pluralistic Order. JOSEF SOLTERER, Georgetown University

Discussion: CYRIL ZEBOT, Duquesne University

Analysis of an American Precedent: The Federal Reserve System. HON. M. S. SZYMCAK, Member, Board of Governors of the Federal Reserve System

Discussion: JAMES A. HART, Seton Hall University

Friday, December 30, 1955

8 a.m.
Roosevelt Hotel
Parlors E and F
(Mezzanine)

Breakfast Meeting, Representatives of Regional Groups

9 a.m.
Roosevelt Hotel
The Small Ballroom

Operation of the Pluralistic Economy

Chairman: JAMES HAYES, St. Bonaventure University

Dynamic Relationships in a Pluralistic Economy. DAVID McCORD WRIGHT, McGill University

Discussion:

EDWARD H. CHAMBERLIN, Harvard University

Government Role in a Pluralistic Society. REV. JOHN F. CRONIN, National Catholic Welfare Conference

Discussion: WILLIAM HAYES, De Paul University

12:30 p.m.
Roosevelt Hotel
Vanderbilt 3, 4, 5
(2nd Floor)

Luncheon Meeting: Presidential Address

Chairman: WALTER FROEHLICH, Marquette University
Experiences with Pluralistic Economy. REV. EMILE BOUVIER, S.J.

4:30 p.m.
Roosevelt Hotel
Vanderbilt 3, 4, 5
(2nd Floor)

Business Meeting

Executive Committee, C.E.A.

PROGRAM OF THE ACADEMY OF MANAGEMENT

Meetings, unless shown otherwise, are held on the campus of Columbia University, in the American Press Institute room on the main floor of the Journalism Building, southeast corner of 116th Street and Broadway.

Thursday, December 29, 1955

9 a.m. *Management Before Frederick Taylor.* JOHN E. HOAGLAND, Michigan State University

10:30 a.m. *The Chrysler Divisionalization Story.* FRANK BROWN, Chrysler Corporation

12:15 p.m. **Luncheon**

Columbia University

Men's Faculty Club
400 West 117th Street

1:30 p.m. *Quantitative Measures of Management.* ROBERT O. FERGUSON, Methods Engineering Council

3 p.m. *Training for Industrial Management at MIT.* VAN ALAN CLARK, Massachusetts Institute of Technology

3:45 p.m. *Preliminary Report of Columbia University Survey of the Teaching of Administration at Selected Universities.* CHARLES E. SUMMER, Columbia University

4:15 p.m. **Business Meeting**

6 p.m. **Dinner of Fellows of the Academy**

Columbia University

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