#### Joint Program

#### ANNUAL MEETINGS ALLIED SOCIAL SCIENCE ASSOCIATIONS

American Economic Association

American Farm Economic Association

American Finance Association

Catholic Economic Association

Econometric Society

Industrial Relations Research Association

San Francisco Hilton

December 26 - 29, 1966

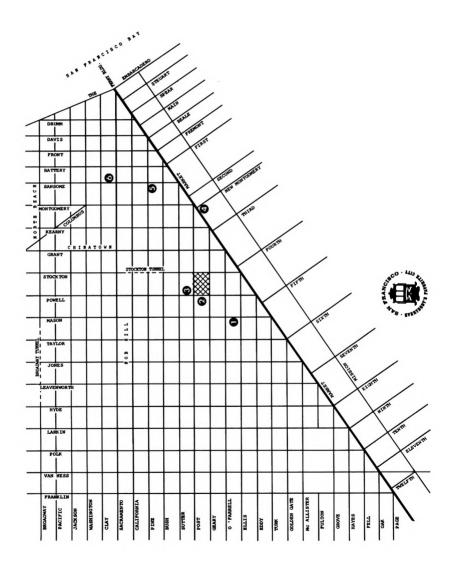


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#### **KEY**

- 1. San Francisco Hilton Hotel (H)
- 2. St. Francis Hotel (SF)
- 3. Sir Francis Drake Hotel (SFD)
- 4. Sheraton-Palace Hotel (SP)
- 5. Pacific Coast Stock Exchange
- 6. Federal Reserve Bank



#### **GENERAL INFORMATION**

All sessions and activities are arranged in the summary and in the main program chronologically by the day and time, and alphabetically by sponsoring association. Where a session is sponsored jointly by two or more associations, the sponsors are listed alphabetically and the session is placed on the basis of the first association.

The summary lists the sessions and activities by title only and indicates the page on which the detailed description can be found.

At the end of the Program is an alphabetical listing of all persons participating in the convention, and the pages on which their names appear.

Events are scheduled at four different hotels. (For specific locations check the downtown San Francisco map and the floor plans.) Hotel listings will be indicated for each session and activity by the following abbreviations:

THE SAN FRANCISCO HILTON . . . (H)

HOTEL ST. FRANCIS . . . . . (SF)

HOTEL SIR FRANCIS DRAKE . . . (SFD)

HOTEL SHERATON-PALACE . . . (SP)

Convention headquarters are located at the San Francisco Hilton. Each session or activity will be identified by a sign at the entrance to the room.

A telephone message center for receiving long distance and other telephone calls will be available through the courtesy of Pacific Telephone and Telegraph. The center will be located to the north of the registration area at the Hilton. The message center may be reached by phoning 415-776-1390. (This service is not a part of the Information Center.)

Two changes have been introduced on an experimental basis into the format of the current Econometric Society meetings:

First, in order to enable more nearly optimal time budgeting by listeners, each paper is treated as a self contained unit. Discussants are scheduled immediately following the paper they are asked to discuss rather than grouped together at the end of the session; approximately 5 minutes are reserved for discussion from the floor immediately following each discussant.

Second, there are two sessions (Econometric Studies I and II) consisting of 10 minute papers with no official discussants, but with 5 minutes of time reserved for discussion from the floor.

Comments on these innovations would be appreciated and should be addressed to Irma Adelman at Northwestern University.

#### PARTICIPATING ASSOCIATIONS

The following members of the Allied Social Science Associations are taking part in the 1966 Annual Meetings:

AEA AMERICAN ECONOMIC ASSOCIATION

AFEA AMERICAN FARM ECONOMIC ASSOCIATION

AFA AMERICAN FINANCE ASSOCIATION

CEA CATHOLIC ECONOMIC ASSOCIATION

ES ECONOMETRIC SOCIETY

IRRA INDUSTRIAL RELATIONS RESEARCH
ASSOCIATION

The Catholic Economic Association has established headquarters in the Alameda Room of the St. Francis.

The Industrial Relations Research Association has established headquarters in the Sir Francis Drake.

Associations listed below are also sponsoring sessions at the Annaul Meetings:

ACE ASSOCIATION FOR COMPARATIVE ECONOMICS

AEIB Association for Education in International Business AFEE Association for Evolutionary
Economics

AREUEA AMERICAN REAL ESTATE AND URBAN
ECONOMIC ASSOCIATION

WFEA WESTERN FARM ECONOMIC ASSOCIATION (meeting jointly with the AFEA)

#### REGISTRATION

All persons attending the meetings are required to register. The registration fee of \$3.00 entitles registrants to admission to all meetings (except fee events, or where invitation is noted) sponsored by the participating associations. Registration may be completed at the registration desks in the East Lounge of the Second Floor at the San Francisco Hilton at the hours indicated below. Members of the Econometric Society who registered in advance by mail may obtain their badges and programs only at the special registration desk of the Society located at the North end of the East Lounge.

Monday . . . . December 26 . . . 2 PM to 9 PM TUESDAY . . . . December 27 . . . 8 AM to 8 PM Wednesday . . . December 28 . . . 8 AM to 4 PM Thursday . . . . December 29 . . . 8 AM to Noon

#### INFORMATION CENTER

The main Information desk is located in the East Lounge on the second floor of the Hilton, adjoining the registration area. Subsidiary desks, connected by telephone to the main desk, are situated in the lobbies of the St. Francis, Sheraton-Palace, and Sir Francis Drake hotels.

The main desk will maintain a central file to assist registrants in locating colleagues at the meetings. Messages will be accepted and held there for registrants.

General information on San Francisco may be obtained at the desk, as well as directions to any events held outside the Convention Hotels.

The Information desk will be open at the following times:

```
Monday . . . . December 26 . . . 2 PM to 9 PM
Tuesday . . . . December 27 . . . 8 AM to 9 PM
Wednesday . . . December 28 . . . 8 AM to 9 PM
Thursday . . . December 29 . . . 8 AM to 5 PM
```

#### EMPLOYMENT REGISTER

Professional Placement Service will be available to members of the Allied Social Science Associations during the Convention. This service will be provided by the United States Employment Service and its affiliated State agencies, with the California State Employment Service acting as the host agency.

The Placement Center will be located on the Ballroom Floor (Parlors 5 and 6) of the San Francisco Hilton Hotel. Service will be available at the times listed below.

```
Monday . . . . December 26 . . . 1 PM to 5 PM

Tuesday . . . . December 27 . . . 8 AM to 7 PM

Wednesday . . . December 28 . . . 8 AM to 7 PM

Thursday . . . December 29 . . . 8 AM to 5 PM
```

Employers and applicants should report as early as is practicable to the reception desk in the Placement Center. Application and order forms will be supplied to those who did not file prior to the conference.

Separate areas have been set aside for employers wishing to review applications and for applicants interested in reviewing position descriptions. A message exchange provides rapid communication between employers and applicants. Employers may make arrangements with the receptionist for time and space for conducting interviews in rooms that have been set aside for this purpose.

#### FEE AND INVITATION EVENTS

Fee and invitation events are listed in the program in their appropriate chronological order. Events for which a fee is charged are identified by asterisks (\*). Daggers (†) designate events which may be attended by invitation only.

Tickets for the Joint AEA-AFA Luncheon, the Joint AFEA-WFEA Luncheon, the IRRA Dinner and the Economics of Health Care Breakfast Meeting may be obtained at a special fee events desk located in the North Lounge of the Ballroom Floor at the Hilton. The tickets should be purchased as soon as possible after registration.

#### PRESS SERVICES

Fully equipped press room facilities have been established in the Toyon Suite on the fourth floor of the San Francisco Hilton Hotel.

Copies or abstracts of papers plus a daily schedule of speakers and topics will be available to accredited correspondents.

Representatives of ASSA will be on hand to assist in setting up interviews or to provide reporters with further clarification of any points brought up in the various meetings.

Press room telephones will be manned at all times to accept messages for correspondents.

This is a press service only.

#### EXHIBITS

The exhibits are located in the North, South, East and West Lounges of the Ballroom Floor of the Hilton. Hours during which exhibits may be viewed are as follows:

Monday . . . . December 26 . . . 4 PM to 9 PM
Tuesday . . . . December 27 . . . 8 AM to 9 PM
Wednesday . . . December 28 . . . 8 AM to 9 PM
Thursday . . . . December 29 . . . 8 AM to 4 PM



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#### SUMMARY OF JOINT PROGRAM

Time	Sponsor	Session or Activity Title Pa	age
	Mond	ay, December 26, 1966	
2:00 p.m.	AFEA	Executive Committee Meeting	35
3:00 p.m.	AEA	Executive Committee Meeting	35
6:00 p.m.	AEA	Executive Committee Dinner†	35
8:00 p.m.	AFEE	Meeting of the Board of Directors	35
	Tuesd	ay, December 27, 1966	
8:30 a.m.	AEA-AFEA WFEA	Economic Analysis of Water Resource Problems	37
8:30 a.m.	AEA	The Measurement of Price Change	37
8:30 a.m.	AEA-ASSE	Conditions for Technological Progress and Economic Growth in Communist China	39
8:30 a.m.	AEA	Graduate Student Papers	43
8:30 a.m.	AFEA	Applications of Financial Theory	43
8:30 a.m.	ES	Dynamic Equilibrium	47
8:30 a.m.	ES	Health, Education and Welfare	47
8:30 a.m.	ES	Economic Development (Econometric)	49
9:00 a.m.	AFEE	The Founders in Retrospect	<b>5</b> 3

<sup>†</sup> By invitation

#### JUST PUBLISHED

COMPUTER PROGRAMMING: Fortran IV Decima M. Anderson, Drexel Institute of Technology 435 pp., illus., paper, spiral, \$6.50 CASES IN PERSONNEL MANAGEMENT AND SUPERVISION Richard P. Calhoon. The University of North Carolina 229 pp., illus., paper, \$2.95 PRINCIPLES OF LOGISTICS MANAGEMENT: A Functional Analysis of Physical Distribution Systems 623 pp., illus., \$9.50 lames A. Constantin, University of Oklahoma MANAGEMENT AND THE LAW 335 pp., paper, \$2.95 Samuel Fox. University of Illinois **BUSINESS ETHICS** Thomas M. Garrett, Cambridge Center for Social Studies 210 pp., paper, \$2.50 PUBLIC POLICY AND THE MODERN CORPORATION: Selected Readings Donald Grunewald, Rutgers, The State University; and Henry L. Bass, Hunter 380 pp., illus., paper, \$3.95 College. **READINGS IN PROMOTION MANAGEMENT** James U. McNeal. The University of Georgia 353 pp., illus., paper, \$3.95 DIMENSIONS OF CONSUMER BEHAVIOR Also by James U. McNeal 310 pp., illus., paper, \$3.95 RESOURCES AND INDUSTRIES OF THE UNITED STATES Olin T. Mouzon. The University of North Carolina 486 pp., illus., \$7.95 BUSINESS FINANCE: The Management Approach Richard C. Osborn, University of Illinois 594 pp., illus., \$7.50 **ELEMENTARY AGGREGATE ECONOMICS** Howard J. Sherman, University of California, Riverside 249 pp., illus., paper, \$2.95 THE ECONOMICS OF MANAGERIAL DECISION: Profit Opportunity Analysis Chester R. Wasson, University of California, Los Angeles 226 pp, illus., paper, \$2.50 RESEARCH ANALYSIS FOR MARKETING DECISION 278 pp., illus., paper, \$2.50 Also by Chester R. Wasson MANAGERIAL ECONOMICS: Texts and Cases 472 pp., illus., \$6.50 Also by Chester R. Wasson MANAGEMENT ORGANIZATION Albert K. Wickesberg, University of Minnesota 233 pp., illus., paper, \$2.50 **BUSINESS IN SOCIETY: An Introduction to Business** William Withers, Queens College, City University of New York 408 pp., illus., \$6.00 READINGS IN FINANCE Harold A. Wolf, the University of Colorado; and Lee Richardson, Louisiana State

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#### Tuesday, December 27, 1966

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2:30 p.m.	AEA-ES	Economic Development	71
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2:30 p.m.	AFEA-WFEA	Technical Reports of the Commission on Food Marketing	73
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2:30 p.m.	CEA	Industrial Development in Relieving Poverty	77
2:30 p.m.	ES	Theory of Innovations and Technical Change	80
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4:30 p.m.	ES	Walras-Bowley Lecture	80
5:00 p.m.		University of California, Los Angeles, Cocktail Party*	81
5:00 p.m.		Yale Cocktail Party*	81
5:00 p.m.		University of Pennsylvania Cocktail Party*	81

<sup>\*</sup> Fee event

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search in the Economics of Health Care\*

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7:30 a.m.

8:00 a.m.

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#### Wednesday, December 28, 1966

8:00 a.m.		Breakfast Roundtable:* Teaching Taxation in Business Schools	82
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9:00 a.m.	AREUEA	Quantitative Methods in Real Estate Studies	93
10:00 a.m.	CEA	Poverty Survey and Tax Reform	93

<sup>\*</sup> Fee event

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<sup>\*</sup> Fee event

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COLLEGE DEPARTMENT

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	Wednes	day, December 28, 1966	
4:30 p.m.	IRRA	Reunion — ILIR, University of Illinois	119
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6:00 p.m.	AEIB	Cocktail Party for Members†	120
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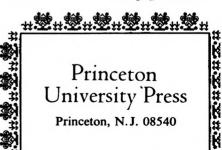
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THOMAS MUENCH, University of Minnesota Max Kossoris, Bureau of Labor Statistics

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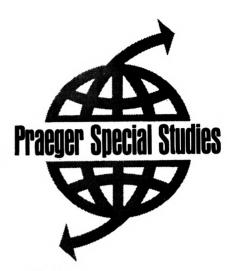
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ROYAL SHIPP, Board of Governors of the Federal Reserve System

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E. Bruce Fredrikson, Syracuse

### Cyclical Behavior of Residential Mortgage Yields Jack M. Guttentag, University of Pennsylvania

#### Discussants:

MARCUS WHITMAN, University of Alabama R. BRUCE RICKS, University of California, Los Angeles

D. ROBERT PAPERA, University of Santa Clara RONALD S. FOSTER, Ohio State University



### GOALS, PRIORITIES, AND DOLLARS — THE NEXT DECADE

By Leonard A. Lecht, Director, National Goals Project, The National Planning Association

#### **Introduction by Gerhard Colm**

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2:00 p.m. Olympic Room, North and South (SF)

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Chairman: GEORGE ZINKE, University of Colorado

The Emergence of Environmental Economics

MORRIS E. GARNSEY, University of Colorado

Technology and Consumption: The Theoretical Implications

DAVID HAMILTON, University of New Mexico

Discussants:

WALLACE G. PETERSON, University of Nebraska

TROY J. CAULEY, Indiana University

2:30 p.m. California Room (SF) AEA-IRRA

#### MILITARY MANPOWER PROCUREMENT

Chairman: HAROLD WOOL, U.S. Department of Defense

The Supply of Military Personnel in the Absence of a Draft

STUART H. ALTMAN, Brown University

ALAN E. FECHTER, Institute of Defense Analysis

Re-enlistments in the U.S. Navy: A Cost Effectiveness Study

FRANKLIN M. FISHER, Massachusetts Institute of Technology

ANTON S. MORTON, Arthur D. Little, Incorporated

The Economic Cost of the Draft

WALTER Y. OI, University of Washington

Discussants:

GEORGE H. HILDEBRAND, Cornell

PAUL A. WEINSTEIN, University of Maryland

2:30 p.m. Colonial Room (SF) AEA-ES

#### **ECONOMIC DEVELOPMENT**

Chairman: Moses Abramovitz, Stanford

Some Lessons of History for Developing Nations

RONDO E. CAMERON, University of Wisconsin

Sources of Postwar Growth in Nine Advanced Countries

EDWARD F. DENISON, The Brookings Institution



Modern Economic Growth Rate, Structure, and Spread by Simon Kuznets cloth \$12.50; paper \$2.95

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Mathematics and Computers in Soviet Economic Planning edited by John P. Hardt Marvin Hoffenberg. Norman Kaplan. and Herbert S. Levine

Visit the Yale booth number 36

## TUESDAY, DECEMBER 27, 1966

## Optimal Patterns of Growth in an Open Economy

HOLLIS B. CHENERY, Harvard ROBERT DORFMAN, Harvard

#### Discussants:

HENRY ROSOVSKY, Harvard CHARLES P. KINDLEBERGER, Massachusetts Institute of Technology EMILE DESPRES, Stanford

#### 2:30 p.m. Ballroom Parlors 7 and 8 (H) AFA

#### AGGREGATE MODELS

Chairman: Samuel H. Nerlove, University of California, Los Angeles

# Effects of Monetary and Fiscal Policies with Keynesian or Classical Demand Elasticities CARL F. CHRIST, Johns Hopkins University

Policy Multipliers and the Structure of the Canadian Monetary Sector—An Econometric Analysis HAROLD SHAPIRO, University of Michigan

## **Expectations and Adjustment in the Monetary Sector**

EDGAR L. FEIGE, University of Wisconsin

#### Discussants:

GARY FROMM, The Brookings Institution THOMAS R. SAVING, Michigan State University GEORGE R. MORRISON, State University of New York, Buffalo

#### 2:30 p.m. Ballroom Parlor 9 (H) AFEA

## TECHNICAL REPORTS OF THE COMMISSION ON FOOD MARKETING

(Sponsored jointly with the WFEA)
Chairman: R. G. Bressler, University of California,
Berkeley

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W. E. Folz, University of Idaho

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## TUESDAY, DECEMBER 27, 1966

## The Food Marketing Commission and Food Prices by Income Groups

MARCUS ALEXIS, University of Rochester

#### Comments:

G. E. Brandow, Executive Director for the Commission, Pennsylvania State University

#### 2:30 p.m. Ballroom Pariors 2 and 3 (H) AFA

## BANKING AND CREDIT POLICY IN EASTERN EUROPE

Chairman: George Garvy, Federal Reserve Bank of New York

#### Capital Investment Financing in the U.S.S.R

Paul Gekker, Board of Governors of the Federal Reserve System

## Monetary and Financial Controls Under Central Planning: The Polish Experience

Andrzej Brzeski, University of California

## **Fiscal and Monetary Policies of Communist China**

S. C. TSIANG, University of Rochester

## The Role of Credit in the Reform of the Economic Mechanism in Hungary

JANOS FEKETE, National Bank of Hungary

## Discussants:

EDWARD AMES, Purdue
JOHN M. MONTIAS, Yale
EGON NEUBERGER, State University of New York
RAYMOND P. POWELL, Yale

#### 2:30 p.m. Alameda Room (SF) CEA

## INDUSTRIAL DEVELOPMENT IN RELIEVING POVERTY

Chairman: Rev. RICHARD E. MULCAHY, S. J., University of San Francisco

## Insights from Latin American Research on Industrial Stimulation

WARREN BILKEY, University of Wisconsin

## Texts on economic theory from Prentice-Hall...

## Defense Management edited by Stephen Enke, Deputy Assistant Secretary of Defense

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## TUESDAY, DECEMBER 27, 1966

## Economic and Demographic Factors in Raising Living Levels in Cir-Caribbean Region

WILLIAM J. GIBBONS, S. J.

#### Discussants:

KARL E. ASHBURN, Loyola University, New Orleans Paul A. Montavon, University of Notre Dame

## 2:30 p.m. Rosewood Suite A (H)

## THEORY OF INNOVATIONS AND TECHNICAL CHANGE

Chairman: Anthony M. Tang, Vanderbilt and Chinese University of Hong Kong

## A Schumpeterian Model of Induced Innovation and Capital Accumulation

KARL L. SHELL, Massachusetts Institute of Technology

## A Theory of Invention in the Firm

WILLIAM D. NORDHOUS, Massachusetts Institute of Technology

## Technical Change, Depreciation, and Obsolescense

ROBERT E. HALL, Massachusetts Institute of Technology

#### Discussants:

EDMUND S. PHELPS, University of Pennsylvania DAVID CASS, Yale EDWIN MANSFIELD, University of Pennsylvania

#### 4:00 p.m. Winthrop Room (SF) CEA

#### **EXECUTIVE COUNCIL MEETING**

#### 4:30 p.m. Oasis Room (SF)

#### **ACE BUSINESS MEETING**

Chairman: GERHARD COLM, National Planning Association

#### 4:30 p.m. Ballroom Parlor 4 (H) ES

## **WALRAS-BOWLEY LECTURE**

Estimation of Systems of Difference Equations with Moving Average Disturbances

A. W. PHILLIPS, The London School of Economics and Political Science

## TUESDAY, DECEMBER 27, 1966

5:00 p.m. UNIVERSITY OF CALIFORNIA, LOS ANGELES,

Georgian Room (SF) COCKTAIL PARTY\*

Davenport Room (SF)

5:00 p.m. YALE COCKTAIL PARTY\*

5:00 p.m. UNIVERSITY OF PENNSYLVANIA COCKTAIL

Mayfair Room (SF) PARTY\*

6:00 p.m. ECONOMETRIC SOCIETY COUNCIL DINNER†

ROSEWOOD SUITE B (H)

6:00 to 8:00 p.m. RECEPTION (WINE TASTING) SF CHAPTER IRRA, HOSTS\*

(SFD)
IRRA
Chairman: LAURENCE P. CORBETT, Corbett and
Welden

8:00 p.m. RICHARD T. ELY LECTURE

Ballroom Parlors 1. 2. Chairman: THEODORE W. SCHULTZ University

Chairman: THEODORE W. SCHULTZ, University of Chicago

Employment Theory and Employment Policy
Abba P. Lerner, University of California, Berkeley

8:00 p.m. ECONOMETRIC SOCIETY FELLOWS MEETING Rosewood Suite A (H)

8:00 p.m. BOARD OF DIRECTORS MEETING
Teakwood Suite A (H) Chairman: I ERED WESTON University of Co.

Teakwood Suite A (H)

AFA

Chairman: J. Fred Weston, University of California,
Los Angeles

8:00 p.m.
Yosemite Room (SFD)
IRRA

SEXECUTIVE BOARD DINNER†
Chairman: ARTHUR M. Ross, Commissioner, Bureau
of Labor Statistics

8:00 p.m.
Hospitality Room
(SED)

Chairman: Frederic Meyers, University of Cali-

(SFD) Chairman: FREDERIC MEYERS, University of Cali-IRRA fornia, Los Angeles

8:00 p.m.
Ballroom Parlors 7
and 8 (H)

AFEE GENERAL SESSION

Chairman: JOHN S. GAMBS. Hamilton

Chairman: John S. Gambs, Hamilton College

Presidential Address: Ideological Responsibility
CLARENCE E. AYRES. University of Texas

<sup>\*</sup> Fee event

<sup>\*</sup> Fee event † By invitation

7:30 a.m. Walnut Suite A (H) ASSA SECRETARIES BREAKFAST†

ASSA

7:30 a.m. Walnut Suite B (H) UNIVERSITY OF COLORADO ALUMNI BREAKFAST\*

7:30 a.m. Ballroom Parlors 1 and 2 (H) INDIANA UNIVERSITY ALUMNI BREAKFAST\*

7:30 a.m. Winthrop Room (SF)

**NEW YORK UNIVERSITY BREAKFAST\*** 

7:30 a.m. California Room (SP) **OHIO STATE UNIVERSITY BREAKFAST\*** 

8:00 a.m. French Parlor (SP) BREAKFAST MEETING AND DISCUSSION OF RESEARCH IN THE ECONOMICS OF HEALTH CARE\*

Chairman: DONALD E. YETT, University of Southern California

Policy Research in Health Economics at HEW Dr. Alice M. Rivlin, Department of Health, Education and Welfare

Policy Research in Health Economics at the Brookings Institution

RASHI FEIN, The Brookings Institution

(Tickets for this breakfast should be purchased as soon as possible at the special fee events desk.)

8:00 a.m. Davenport Room (SF) BREAKFAST ROUNDTABLE:\*
TEACHING TAXATION IN BUSINESS SCHOOLS

Chairman: RICHARD W. LINDHOLM, University of Oregon

<sup>\*</sup> Fee event † By invitation

#### 8:30 a.m. Baliroom Parior 4 (H) AFA

## COST-BENEFIT ANALYSIS FOR GOVERNMENT DECISIONS

Chairman: WILLIAM H. MECKLING, University of Rochester

## Government-Industry Development of a Commercial Supersonic Aircraft

GEORGE W. HILTON, University of California, Los Angeles

## An Application of Cost-Benefit Analysis to the Work-Experience Program

WORTH BATEMAN, Department of Health, Education and Welfare

## A Proposed Methodology for Comparing Federally Assisted Housing Programs

WILLIAM Ross, Department of Housing and Urban Development

#### Discussants:

MARTIN ANDERSON, Columbia HENRY ROWEN, Bureau of the Budget

#### 8:30 a.m. Ballroom Parlor 9 (H) AEA

## PROPERTY RIGHTS AND BEHAVIOR

Chairman: Armen A. Alchian, University of California, Los Angeles

## Stock Vs. Mutual Savings and Loan Associations: Some Evidence of Differences in Behavior

ALFRED NICOLS, University of California, Los Angeles

## **Costs of Property Rights**

HAROLD DEMSETZ, University of Chicago

## On the Distinction Between Public and Private Goods

OTTO DAVIS, Carnegie Institute of Technology Andrew Whinston, Purdue

#### Discussants:

JOHN ASHLEY, California State College, Hayward PAUL L. KLEINSORGE, University of Oregon HOWARD KUNREUTHER, University of Chicago



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8:30 a.m. Mural Room (SF)

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John Law of Lauriston: Banker, Gamester, Merchant, Chief?

EARL J. HAMILTON, University of Chicago and State University of New York, Binghamton

Government Regulation and Growth in the French Paper Industry During the Eighteenth Century WARREN J. SCOVILLE, University of California, Los Angeles

New Light on a Statistical Dark Age: U.S. Real Output, 1800 - 1840?

PAUL DAVID, Stanford

#### Discussants:

JOHN H. DALES, University of Toronto STANLEY ENGERMAN, University of Rochester Ross M. Robertson, Indiana University

8:30 a.m. Ballroom Parlor 3 (H) AFEA-ES

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The Demand for Water by Israel Agriculture Dan Yaron, Hebrew University

From Stock to Flow Capital Inputs for Agricultural Production Functions: A Microanalytic Approach Pan A. Yotopoulos, University of Wisconsin, Milwaukee

#### Discussants:

WOLFGANG F. STOLPER, University of Michigan PINHAS ZUSSMAN, University of California, Berkeley I. J. SINCH, University of Wisconsin

# 8:30 a.m. Baliroom Parlors 7 and 8 (H) AFA

## MONETARY AND FISCAL POLICY IN A FULLY EMPLOYED ECONOMY

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## The Mix of Monetary and Fiscal Policy JOHN H. KAREKEN, University of Minnesota

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GEORGE F. BREAK, University of California, Berkeley

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#### 8:30 a.m. Rosewood Suite B (H) ES

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THOMAS G. MOORE, Michigan State University

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KANTA MARWAH, United Nations

Estimation of Distribution Lag Models with Special Reference to Demand for Money

G. S. MADDALA, Stanford DAVID GRETHER, Stanford

Discussants:

ROBERT EISNER, Northwestern
JOEL POPKIN, Department of Labor
T. DUDLEY WALLACE, North Carolina State

8:30 a.m. Rosewood Suite A (H) ES

#### FOREIGN VISITORS PAPERS

Chairman: VERNON RUTTAN, University of Minnesota

Subsystem Method for the Estimation of Structural Equations

KEI TAKEUCHI, Tokyo University

The Demand for Investment in Education Giora Hanoch, Hebrew University

8:30 a.m. Empire Room (SFD) IRRA

## CRITICAL EVALUATION OF THREE MANPOWER REPORTS

Chairman: RICHARD A. LESTER, Princeton

Report of the National Commission on Technology, Automation and Economic Progress

HERBERT E. STRINER, Upjohn Institute of Employment Research

Employment Service Task Force Report Herbert S. Parnes, Ohio State University

The 1966 Manpower Report of the President and the Secretary of Labor

GEORGE H. HILDEBRAND, Cornell

Discussant:

MARGARET S. GORDON, University of California, Berkeley

9:00 a.m. Olympic Room, North and South (SF)

#### THE ROLE OF INSTITUTIONALISM

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Chairman: MARC R. TOOL, Sacramento State College

Capital, Savings-Centered Theory and Economic Development

Louis J. Junker, Western Michigan University

Some Interpretations and Misinterpretations of Keynesian Economics

J. FAGG FOSTER, University of Denver

Discussants:

WILLIAM L. BREIT, University of Virginia DAVID H. BURGER, State University of New York

9:00 a.m. Teakwood Suites A and B (H)

## QUANTITATIVE METHODS IN REAL ESTATE STUDIES

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Methods of Forecasting Residential Development Ronald S. Graybeal, University of California, Berkeley

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WILLIAM GOLDNER, University of California, Berkeley

Real Estate Market Studies: Utility and Pitfalls Richard M. Forbes, Georgia State College

#### Discussants:

E. Norman Bailey, University of Iowa Max R. Bloom, Syracuse University Maurice A. Unger, University of Colorado William R. Beaton, University of Georgia

10:00 a.m. Álameda Room (SF) CEA

#### POVERTY SURVEY AND TAX REFORM

Chairman: CHARLES J. WALSH, Fordham University

Survey of Family Expenditure Patterns in a Low Income Neighborhood — Syracuse

JAMES KENNEY, LeMoyne College

The Use of Federal Taxation for Relief of the Poor

DONALD CURRAN, S. J., Canisius College

#### Discussants:

DOROTHY Z. SANFORD, College of Notre Dame, Belmont

S. A. LEVITAN, W. E. Upjohn Institute for Employment Research

#### 10:00 a.m. Oasis Room (SF)

## REGIONAL ACCOUNTS AND INFORMATION SYSTEMS

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## Regional Accounts Design

CHARLES L. LEVEN, Washington University

## **Regional Information System Design**

WERNER Z. HIRSCH, University of California, Los Angeles

SIDNEY SONENBLUM, National Planning Association

#### Discussants:

DAVID L. SHAPIRO, University of California, Los Angeles

LESLIE CARBERT, Office of Planning of the State of California

#### 10:30 a.m. Baliroom Pariors 7 and 8 (H) AFA

## INTEREST RATE COMPETITION AND THE MOBILITY OF FUNDS

Chairman: JOHN BALLES, Mellon National Bank

## Interest Rates Versus Interest Ceilings in the Allocation of Credit Flows

GEORGE W. MITCHELL, Member, Board of Governors of the Federal Reserve System

## Interest Rate Regulation on Deposits: A Historical Review

ALBERT Cox, First National Bank of Dallas

#### Discussants:

TILFORD GAINES, First National Bank of Chicago Charles Linke, University of Illinois

10:30 a.m. Rosewood Suite B (H) FS

#### **ESTIMATION OF PRODUCTION FUNCTIONS**

Chairman: MELVIN W. REDER, Stanford

The Elasticity of Substitution: Properties of Alternative Estimators

Hodson Thornber, University of Chicago

Estimation of a Fixed Coefficient Vintage Model of Production

RICHARD ATTIYEH, Yale

The Constant and Variable Elasticity of Substitution Production Functions: A Comparative Study in U.S. Manufacturing Industries

NEGESH S. REVANKAR, University of Wisconsin

A Three-Factor CES Production Function of the U.S. Manufacturing Sector

TIMOTHY W. McGuire, Carnegie Institute of Technology

Discussants:

YEHUDA KOTOWITZ, University of Toronto MICHAEL McCARTHY, The Brookings Institution MURRAY BROWN, George Washington University EDWARD J. MITCHELL, RAND Corporation

10:30 a.m. Rosewood Suite A (H) ES

## MONEY (ECONOMETRIC)

Chairman: HYMAN P. MINSKY, Washington University

A Non-Linear, Maximum Likelihood Estimate of the Liquidity Trap

HOWARD W. PIFER, III, Carnegie Institute of Technology

Credit Rationing, Interest Rate Lags, and Monetary Policy Speed

DONALD P. TUCKER, University of Chicago

The Demand for Money: Testing a New-Fisherian Approach

BARRY L. FRIEDMAN, North Carolina State

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JOHN C. FEI, Cornell

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GERALD M. MEIER, Stanford RONALD W. JONES, University of Rochester A. A. BAYLOR, Texas Western College

10:30 a.m. Franciscan Room (SFD) IRRA

## CURRENT CONFRONTATIONS IN LABOR LAW

Chairman: BENJAMIN AARON, University of

California, Los Angeles

Collective Bargaining and the Antitrust Laws THEODORE St. ANTOINE, University of Michigan

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WALTER E. OBERER, Cornell Law School

## The Individual Right to Eliminate Employment Discrimination by Litigation

ALFRED W. BLUMROSEN, Rutgers

#### Discussant:

DEREK C. Bok, Harvard

10:45 a.m. Colonial Room (SF) AEA-IRRA POLICY ROUNDTABLE III: GUIDEPOSTS AND INFLATION

Moderator: Albert Rees, Princeton

Panel:

WILLIAM G. BOWEN, Princeton
JOHN T. DUNLOP, Harvard
OTTO ECKSTEIN, Harvard

GEORGE SHULTZ, University of Chicago

10:45 a.m. California Room (SF) AEA POLICY ROUNDTABLE IV: REGULATION OF INDUSTRY

Moderator: Neil H. Jacoby, University of California, Los Angeles

Panel:

WILLIAM J. BAUMOL, Princeton JOEL DEAN, Columbia University JOHN R. MEYER, Harvard GEORGE J. STIGLER, University of Chicago

11:30 a.m. Walnut Suites A and B (H) ASSOCIATION FOR THE STUDY OF SOVIET-TYPE ECONOMIES LUNCHEON\*

12:30 p.m. Ballroom Parlors 1, 2, 3, and 4 (H)

**AEA-AFA** 

JOINT AEA-AFA LUNCHEON\*

Chairman: FRITZ MACHLUP, Princeton

Coordination of Economic Policy

Speaker: Allan Sproul, Former President of the Federal Reserve Bank of New York
(Tickets for this luncheon should be purchased as soon as

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12:30 p.m. Georgian Room (SF) CEA TWENTY-FIFTH ANNIVERSARY LUNCHEON\*

Honored Guest: THOMAS DIVINE, S. J., Founder CEA, Marquette University

Chairman: THOMAS J. McDonagh, C.S.C., University

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Chairman: Neil W. Chamberlain, Yale

Wage-Price Policy in the American Environment ARTHUR M. Ross, Commissioner, Bureau of Labor Statistics

1:30 p.m. Rosewood Suite B (H)

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Chairman: LEONID HURWICZ, University of Minnesota

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Peter Temin, Massachusetts Institute of Technology

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HAROLD G. VATTER, Portland State College

2:00 p.m. Empire Room (SFD) IRRA

## POLICY ROUNDTABLE: EUROPEAN EXPERIENCE WITH INCOME POLICIES

Chairman: ADOLF STURMTHAL, University of Illinois

#### Panel:

NEIL W. CHAMBERLAIN, Yale EVERETT M. KASSALOW, University of Wisconsin ROBERT B. McKersie, University of Chicago

2:00 p.m. Franciscan Room (SFD) IRRA

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Chairman: GEORGE STRAUSS, University of California, Berkeley

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Some Implications of Computers for Management

CHARLES A. MYERS, Massachusetts Institute of Technology

Discussant:

THOMAS L. WHISLER, University of Chicago

2:00 p.m. Olympic Room, North and South (SF)

#### THE OUTLOOK: NORTH AND SOUTH

(Sponsored by the AFEE)

Chairman: VIRGINIA B. SLOAN, New Mexico Highlands University

Should Long-Run Planning of the National Economy Seek Diminishing or Rising Prices?

GEORGE H. SOULE, JR.,

Structures and Institutions: A Bridge to Development Theory

JAMES H. STREET, Rutgers

Discussants:

THERESA WOLFSON, Brooklyn College WENDELL C. GORDON, University of Texas

2:00 p.m. Teakwood Suites A and B (H)

#### **DETERMINATION OF APPROPRIATE LAND USE**

(Sponsored by the AREUEA)

Chairman: Sydney C. Reagan, Southern Methodist University

How the Decision Maker Determines the Appropriate Land Use

FREDERICK E. CASE, University of California, Los Angeles

Discussants:

WILLIAM N. KINNARD, Jr., University of Connecticut Maury Seldin, American University

2:30 p.m. Mural Room (SF) AEA

#### ANTI-TRUST AND MONOPOLY

Chairman: AARON DIRECTOR, University of Chicago

The Goals of Anti-Trust Policy

ROBERT H. BORK, Yale

Vertical Mergers, Market Power and the Anti-Trust Laws

WILLIAM COMANOR, Harvard

# WEDNESDAY, DECEMBER 28, 1966

# Conscious Parallelism and the Kinked Oligopoly Demand Curve

WILLIAM HAMBURGER, University of North Carolina

#### Discussants:

PHIL C. NEAL, University of Chicago JOHN S. McGee, Duke B. Peter Pashigian, University of Chicago

#### 2:30 p.m. Davenport Room (SF) AEA

#### INVITED DOCTORAL DISSERTATIONS I

Chairman: E. CARY Brown, Massachusetts Institute of Technology

# Daily Newspapers, Monopolistic Competition, and Economies of Scale

JAMES N. Rosse, (Ph.D., University of Minnesota), Stanford

# Rational Choice and Patterns of Growth in a Monetary Economy

MIGUEL SIDRAUSKI, (Ph.D., University of Chicago), Massachusetts Institute of Technology

# The Canadian Experience with Flexible Exchange Rates

JOHN PIPPENGER, (Ph.D., University of California, Los Angeles), University of California, Santa Barbara

#### Discussants:

HARRY EASTMAN, University of Toronto DALE W. JORGENSON, University of California, Berkeley PETER O. STEINER, University of Wisconsin

#### 2:30 p.m. Baliroom Pariors 7, 8, and 9 (H) AEA-AFA

#### **TOPICS IN MONEY**

Chairman: J. Fred Weston, University of California, Los Angeles

### Some Implications of Money Supply Analysis David Fand, State University of New York, Buffalo

# Keynes and the Keynesians: A Suggested Interpretation

A. Leijonhufvud, University of California, Los Angeles

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### WEDNESDAY, DECEMBER 28, 1966

# Financial Regulation and the Effectiveness of Monetary Policy

WILLIAM BRAINARD, Yale

#### Discussants:

ALLAN H. MELTZER, Carnegie Institute of Technology MYRON H. Ross, Western Michigan University E. J. KANE, Boston College

2:30 p.m. Alameda Room (SF) CEA

#### **BUSINESS MEETING**

2:30 p.m. Rosewood Suite A (H)

#### **GROWTH THEORY**

Chairman: KARL L. SHELL, Massachusetts Institute of Technology

# Optimal Investment and Consumption Strategies for a Class of Utility Functions

NILS H. HAKANSSON, University of California, Los Angeles

# Efficient Intertemporal Allocation of Consumption in the Neoclassical Growth Model

DAVID CASS, Yale MENAHEM E. YAARI, Yale

# Colonization, Economic Integration and Economic Growth — A Neoclassical Model

CHULSOON KHANG, University of Oregon

#### Discussants:

Ross M. Starr, Stanford

FRANK H. HAHN, Center for Advanced Study in the Behavioral Sciences

DONALD J. HARRIS, Illinois

2:30 p.m. Cosmopolitan Room (SF) ES

#### LABOR AND EMPLOYMENT

Chairman: MARGARET S. GORDON, University of California, Berkeley

### The Estimation of Potential Labor Force and GNP

STANLEY W. BLACK, Princeton

R. ROBERT RUSSELL, University of California, Santa Barbara

# WEDNESDAY, DECEMBER 28, 1966

Labor Hour Behavior in Manufacturing—1954-64

ROBERT N. WAUD, University of Chicago

A Productivity Theory of Wage Levels — An Alternative to the Phillips Curve

EDWIN KUH, Massachusetts Institute of Technology

Discussants:

WALLACE N. ATHERTON, California State College, Long Beach

OTTO ECKSTEIN, Harvard NED NADIRI, Northwestern

2:30 p.m. Mayfair Room (SF)

#### PROFESSIONAL MEETING

(Sponsored by the AEIB)

Chairman: STEFAN H. ROBOCK, Indiana University

**Capital Budgeting of Multinational Firms** 

ARTHUR STONEHILL, Oregon State University

Comparative Approach to International Business Education

JEAN BODDEWYN, New York University

Historical Case Method in Courses in International Business

DON MULVIHILL, Kent State University

Discussants:

JOHN J. GLYNN, Southern Illinois
DAN THROOP SMITH, Harvard
DONALD C. HALPER, Fresno State College

3:00 p.m. Teakwood Suites A and B (H)

# GRADUATE EDUCATION IN REAL ESTATE AND URBAN ECONOMICS

(Sponsored by the AREUEA)

Chairman: MATTHEWS M. JOHNSON, PMC Colleges Speaker: RICHARD U. RATCLIFF, University of Wisconsin

Discussants:

W. GEORGE PINNELL, Indiana University
PHILIP H. WHITE, University of British Columbia

4:00 p.m. Alameda Room (SF) CEA

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### WEDNESDAY, DECEMBER 28, 1966

4:00 p.m.

GENERAL MEMBERSHIP MEETING

Empire Room (SFD)

Chairman: ARTHUR M. Ross, Commissioner, Bureau

of Labor Statistics

4:00 p.m. Monterey Room (SFD) IRRA EMPLOYMENT SECURITY UNIVERSITY CONSULTANTS MEETING

Chairman: SAM A. MORGENSTEIN, Bureau of Employment Security, U.S. Department of Labor

4:00 p.m. Teakwood Suites A and B (H) OBJECTIVES OF THE AMERICAN REAL ESTATE AND URBAN ECONOMICS ASSOCIATION

(Sponsored by the AREUEA)

Chairman: HERMAN G. BERKMAN, New York

University

Speaker: GEORGE F. BLOOM, Indiana University

4:30 p.m.
Baliroom Parlors 1, 2,
3, and 4 (H)
FS

PRESIDENTIAL ADDRESS

Chairman: HENDRIK S. HOUTHAKKER, Harvard

Econometrics as Pioneering in Nonexperimental Model Building

HERMAN WOLD, University of Uppsala, Sweden

4:30 p.m. Yosemite Room (SFD) IRRA REUNION — ILIR, UNIVERSITY OF ILLINOIS Chairman: WILLIAM H. McPherson, University of

Illinois

4:30 p.m. Georgian Room (SF) MASSACHUSETTS INSTITUTE OF TECHNOLOGY RECEPTION\*

5:00 p.m.

ANNUAL BUSINESS MEETING

Davenport Room (SF)

Chairman: J. FRED WESTON, University of California,

Los Angeles

5:00 p.m. Olympic Room, North and South (SF) AFEE GENERAL BUSINESS MEETING BOARD MEETING

5:00 p.m. Teakwood Suites A and B (H) AREUEA BUSINESSS MEETING

Chairman: George F. Bloom, Indiana University

<sup>\*</sup> Fee event

# WEDNESDAY, DECEMBER 28, 1966

5:00 p.m. Concert Room (SP) UNIVERSITY OF CHICAGO COCKTAIL PARTY\*

5:30 p.m. Mayfair Room (SF)

AEIB BUSINESS MEETING

Chairman: JAMES A. HART, DePaul University

6:00 p.m. Rosewood Suites A and B (H) **DINNER FOR CHAIRMEN'S GROUP** 

6:00 p.m. Oasis Room (SF) **AEIB COCKTAIL PARTY FOR MEMBERS†** 

6-9:00 p.m. Fairmont Grand Ballroom SOCIAL HOUR\*
DINNER\*

Chairman: ARTHUR M. Ross, Commissioner, Bureau of Labor Statistics

Address By The Honorable W. WILLARD WIRTZ, Secretary of Labor

#### **SMOKER**

(Tickets for this dinner should be purchased as soon as possible at the special fee events ticket desk.)

8:00 p.m. Ballroom Parlors 1, 2, 3, and 4 (H)

**AEA** 

PRESIDENTIAL ADDRESS

Chairman: RICHARD LESTER, Princeton

Theories of the Firm: Marginalist and Behavioral Fritz Machlup, Princeton

9:00 p.m. Ballroom Parlors 7, 8 and 9 (H)

UNIVERSITY OF ILLINOIS
DEPARTMENT OF COMMERCE AND
BUSINESS ADMINISTRATION SMOKER\*

9:15 p.m. Teakwood Suites A and B (H) AEA **AEA BUSINESS MEETING** 

<sup>\*</sup> Fee event † By invitation

7:30 a.m. Yosemite Room (SFD) NYSSILR ALUMNI BREAKFAST

Chairman: DAVID G. MOORE, Cornell University

7:30 a.m. Walnut Suite B (H)

IRRA

**ECONOMICS INSTITUTE BREAKFAST\*** 

Chairman: WYN F. OWEN, University of Colorado

8:30 a.m. Baliroom Pariors 7 and 8 (H) AFA **ECONOMICS OF HEALTH** 

Chairman: JOSEPH J. SPENGLER, Duke

The Allocation of Research Among Diseases Simon Rottenberg, Duke

The Economics of Hospital Systems: Peak Loads and Regional Coordination

MILLARD F. LONG, University of Chicago Paul J. Feldstein, University of Michigan

The Economic Effects of Malaria Eradication Robin Barlow, University of Michigan

Discussants:

GEORGE H. BORTS, Brown University HERBERT E. KLARMAN, Johns Hopkins University PETER NEWMAN, Johns Hopkins University

8:30 a.m. Ballroom Parlor 4 (H) AEA THE "CONVERGENCE" HYPOTHESIS:
THE PLANNING AND MARKET ELEMENTS IN
THE DEVELOPMENT OF SOVIET, WESTERN
AND DEVELOPING ECONOMIES

(Sponsored jointly with the ACE)
Chairman: Gerhard Colm, National Planning
Association

From the Aspect of Soviet-Type Economies Abram Bergson, Harvard

From the Aspect of Western-Type Economies Neil W. Chamberlain, Yale

From the Aspect of Developing Economies Shanti S. Tangri, Wayne State University

Discussants:

ALLAN GRUCHY, University of Maryland ARTHUR LERMER, Sir George Williams, Montreal E. Lynn Turgeon, Hofstra College

<sup>\*</sup> Fee event

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Discussant:

PAUL JACOBS, Center for the Study of Democratic Institutions

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Panel:

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Adaptations in the Structure of Bargaining Matthew A. Kelly, Cornell at New York City

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PETER BARTH, (Dissertation: University of Michigan), Ohio State University

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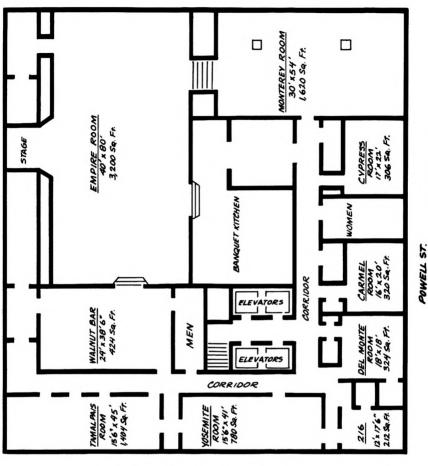
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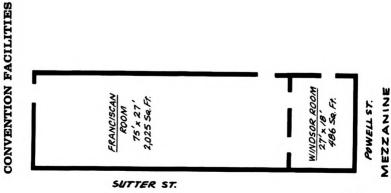
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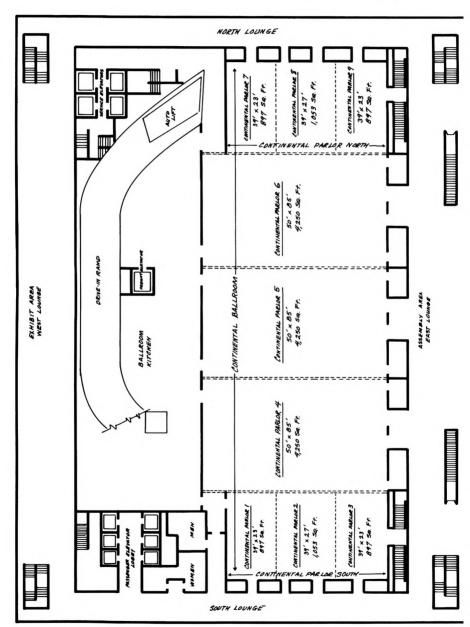
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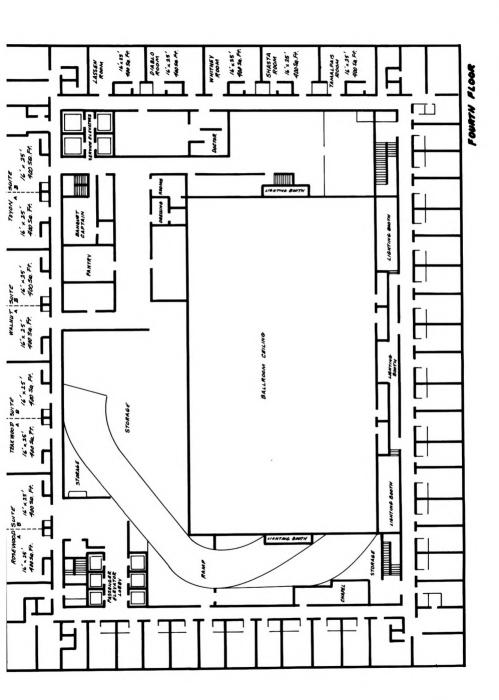
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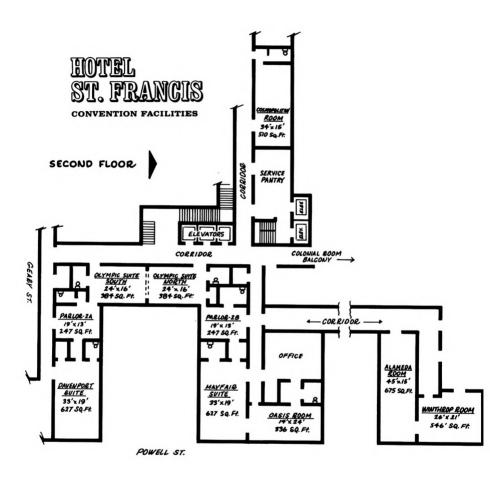
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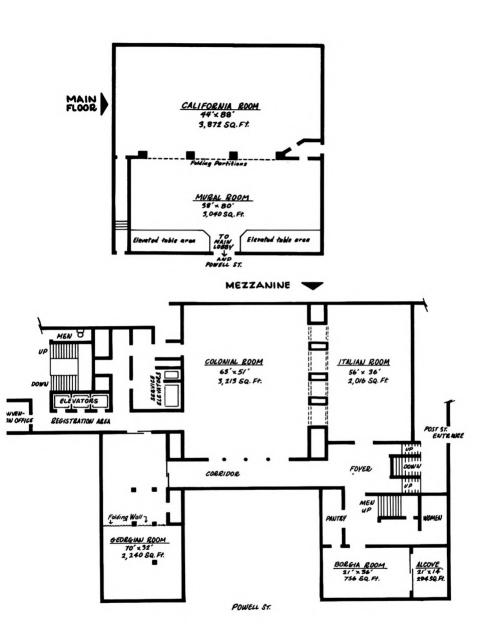
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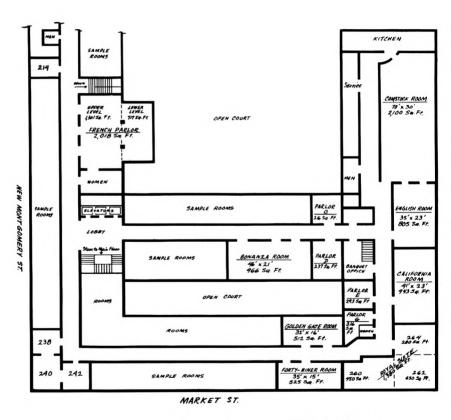
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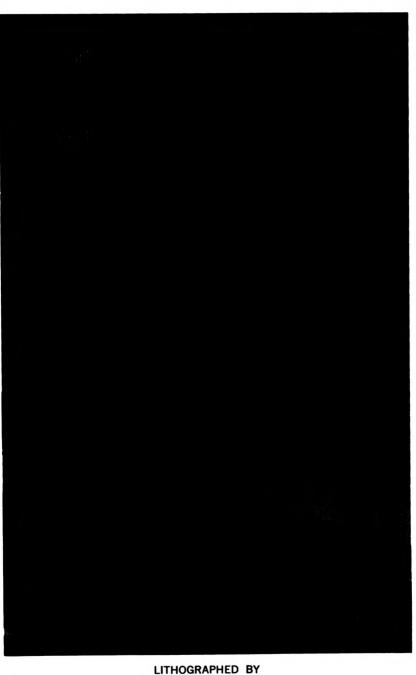




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