# Allied Social Science Associations National Convention Program

American Agricultural Economics Association

American Economic Association

American Finance Association

**Association for Social Economics** 

**Econometric Society** 

**Industrial Relations Research Association** 

ATLANTIC CITY, NEW JERSEY SEPTEMBER 16-18, 1976 HADDON HALL AND SHELBURNE HOTELS Cover Illustrations: In the Bicentennial year, a graphic representation of the growth of America's monetary system from the direct barter of the early settlers to the more complex and electronically sophisticated systems of today. Art prepared by Ronald B. Williams, Art Director and Manager, Graphic Arts Section, Federal Reserve Bank of Philadelphia.





# STATE OF NEW JERSEY OFFICE OF THE GOVERNOR TRENTON

BRENDAN T. BYRNE

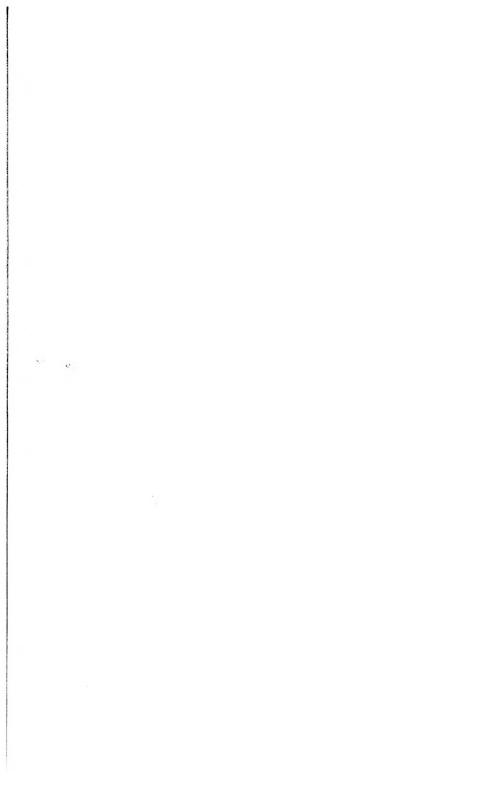
# TO THE MEMBERS OF THE ALLIED SOCIAL SCIENCE ASSOCIATION:

On behalf of myself and New Jersey residents and enterprises, I would like to extend greetings to the Allied Social Science Association on the occasion of their Annual Meeting. It is both gratifying and appropriate that your Association has chosen our State as the site of its Annual Meeting, as New Jersey is the location of mamy outstanding universities, colleges, businesses, and organizations which maintain strong commitments to the social sciences. We also have a lovely coastline, which I hope many of you will be able to enjoy.

Mineteen seventy-six is an important year in our nation's history, as we celebrate our 200-year dedication to the ideals of freedom, democracy, and prosperity. It is also a year in which economic realities are generating a reordering of priorities in both the governmental and private sectors. The interest of professionals, like yourselves, dedicated to the social sciences will be essential in maintaining America's strong heritage while at the same time efficiently meeting the future needs of the American people.

I extend to all of you my best wishes for a productive and enjoyable Annual Meeting.

Sinda Sigue





## FEDERAL RESERVE BANK OF PHILADELPHIA

PHILADELPHIA, PENNSYLVANIA 19101

### Dear ASSA Members:

On behalf of the Arrangements Committee for the 1976
ASSA annual meeting, I'm pleased to welcome you to Atlantic
City.

Since this is our first experience with a September meeting, twelve months worth of work had to be compressed into nine. The local arrangements necessary for a convention of this magnitude represents a substantial undertaking. Mamy thanks are due my colleagues on the Arrangements Committee for their cooperation, to the many local institutions for their generous support, and to the numerous other individuals who helped in this large endeavor.

All of us hope you will find this conference productive and pleasureable. We also know there may be unforeseen difficulties or ways to make future meetings better. Let us know; we're here to help.

For most of you, this is primarily a working conference. However, if you have the opportunity to visit some of the nearby historical areas that have added meaning during the Bicentermial, take it. You'll find the experience worthwhile.

Sincerely.

Edward G. Boehne

Chairman Local Arrangements Committee

Elwand 7 Bouch

"The discovery of America, and that of a passage to the East Indies by the Cape of Good Hope, are the two greatest and most important events recorded in the history of mankind. Their consequences have already been very great: but in the short period of between two and three centuries which has elapsed since these discoveries were made, it is impossible that the whole extent of their consequences can have been seen. What benefits, or what misfortunes to mankind may hereafter result from those great events, no human wisdom can foresee. By uniting, in some measure, the most distant parts of the world, by enabling them to relieve one another's wants, to increase one another's enjoyments, and to encourage one another's industry, their general tendency would seem to be beneficial."

An Inquiry into
The Nature and Causes of the WEALTH OF NATIONS
Adam Smith
Volume II, page 162
Homewood Illinois: Richard D. Irwin, Inc., 1963

# **Contents**

ASSA 1976 National Convention Committee	8
ASSA General Information	10
Map of Convention Area	14
Directory of Hotels and Public Rooms	16
Association Presidents	19
Directory of Exhibitors	21
Daily Program Listings	
Wednesday	27
Thursday	29
Friday	63
Saturday	107
Index of Advertisers	129
Index of Participants	179

# ASSA 1976 National Convention Committee

Chairman

Edward G. Boehne

Federal Reserve Bank of Philadelphia

Vice Chairman

Kathleen C. Holmes

Federal Reserve Bank of Philadelphia
Barbara A. MacPhee

Convention Manager

Allied Social Science Associations

lamald L. Lande

**Treasurer** 

Jerrold L. Jacobs

**Atlantic City Electric Company** 

**Louis Sauer** 

**Atlantic City Electric Company** 

Advertising

Thomas J. Doty

Philadelphia Savings Fund Society

John B. J. Spraga

Philadelphia Savings Fund Society

Employment

Registry

Rodger D. Collons

Drexel University
John J. Clark

Drexel University

**Exhibits** 

Alan Gart

Girard Bank

Joseph Tumbler

Girard Bank

Fee Events

**Henry Watson** 

**New Jersey Department of Labor and Industry** 

Shirley Goetz

New Jersey Department of Labor and Industry

Message and

Information Center

Vince Franco

**New Jersey Bell Telephone Company** 

Alan Gersh

**New Jersey Bell Telephone Company** 

**Doris Burgess** 

**New Jersey Bell Telephone Company** 

James Lawrence

**New Jersey Bell Telephone Company** 

Operations and Meeting Rooms Robert C. Forrey

**New Jersey Bankers Association** 

Richard B. Benedict

**New Jersey Bankers Association** 

Robert B. Lowry

First National Bank of South Jersey

**Press and Publicity** 

Bertram Zumeta

First Pennsylvania Corporation

Nancy Foltz

First Pennsylvania Corporation

John T. Callaghan

Federal Reserve Bank of Philadelphia

**Printed Program** 

Fred W. Malkin

Smith-Edwards-Duniap Company

Marjorie A. Epps

Registration and Housing

A. Gilbert Heebner

Philadelphia National Bank

Byung K. Han

Philadelphia National Bank

Mary E. Murray

Federal Reserve Bank of Philadelphia

# General Information

All sessions and activities are arranged chronologically by the day and time at which they start. Each listing is shown alphabetically; the hotel and meeting room for each session or activity is indicated.

The list of participants beginning on page 179 shows in alphabetical order the names of all persons taking part in the Program and the page on which their names appear.

The index of advertisers beginning on page 129 indicates in alphabetical order the names of all advertisers appearing in this Program and the pages on which their ads appear.

A list of participating associations is listed below.

# **PARTICIPATING ASSOCIATIONS**

The following members of the Allied Social Science Association are taking part in the 1976 Annual Meetings:

AAEA	American	Agricultural	<b>Economics</b>	Association
------	----------	--------------	------------------	-------------

AEA	American Economic Association
AFA	American Finance Association
ASE	Association for Social Economics

ES Econometric Society

IRRA Industrial Relations Research Association

The associations listed below are also sponsoring sessions:

AAEE	American Association of Environmental Economists
<b>AREUEA</b>	American Real Estate and Urban Economics Association
ACES	Association for Comparative Economic Studies

AFEE Association for Evolutionary Economics
ASGE Association for the Study of Grants Economy

HERO Health Economics Research Organization

HES History of Economics Society

JCEE Joint Council on Economic Education

NAAEED National Association of Affiliated Economic

**Education Directors** 

NEA National Economic Association

NTA/TIA National Tax Association/Tax Institute of America
NAESA North American Economic Studies Association

ODE Omicron Delta Epsilon PCS Public Choice Society

SGE Society of Government Economists

TPUG Transportation and Public Utilities Group of the AEA

URPE Union for Radical Political Economics

### **HEADQUARTERS**

The Convention Headquarters for the ASSA is located on the Sun Porch of the Haddon Hall Hotel. The hours of operation are:

Wednesday, September 15

Thursday, September 16

Friday, September 17

Saturday, September 18

12:00 noon to 8:00 p.m.

8:00 a.m. to 8:00 p.m.

8:00 a.m. to 8:00 p.m.

8:00 a.m. to 12:00 noon

Personnel in Convention Headquarters will be there to assist you with any problems associated with the operation of the Convention which you may encounter. To reach Convention Headquarters by phone, call 344-6000 and ask for the Sun Porch. From within Haddon Hall Hotel you may reach Convention Headquarters on the house phone.

### REGISTRATION

All persons attending the meetings must register. Identification badges will be issued and will be required for admission to all sessions and activities. Pre-registrants may pick up their registration packets and those who have not pre-registered may complete the necessary forms at the following location during the hours indicated:

Windsor Room, Haddon Hall Hotel

Wednesday, September 15

Thursday, September 16

Friday, September 17

12:00 noon to 10:00 p.m.
8:00 a.m. to 5:00 p.m.
8:00 a.m. to 12:00 noon

Registration fees are processed by the ASSA Treasurer. All inquiries regarding disputed payments should be addressed to:

Jerrold L. Jacobs Atlantic City Electric Company 1600 Pacific Avenue Atlantic City, New Jersey 08404

Requests for refund of registration fees or fee events payments will not be honored after August 16.

To reach the registration area by telephone, dial (609) 334-6000 and ask for the ASSA registration desk.

# **EMPLOYMENT REGISTRY**

The Allied Social Science Associations in cooperation with the National Registry for Economists is providing placement services for both employers and applicants. Mrs. Theresa Scholl, manager of that agency, is serving as Convention Placement Service Coordinator.

Employers and applicants should report as early as is practicable to the entrance of Kerry Hall in the Shelburne Hotel. Application and order forms will be supplied to those who did not file prior to the convention. Separate areas have been set aside for employers wishing to review applications and for applicants interested in reviewing position descriptions.

The Placement Service will operate during the following hours:

Wednesday, September 15	10:00 1- 5:00
	10:00 a.m. to 5:00 p.m.
Thursday, September 16	8:30 a.m. to 5:00 p.m.
Friday, September 17	8:30 a.m. to 5:00 p.m.
Saturday, September 18	8:30 a.m. to 12:00 noon

A message exchange will provide rapid communication between employers and applicants. Employers may make arrangements with the receptionist at the entrance to Kerry Hall for time and space for conducting interviews in an area that has been set aside for this purpose

On January 7, 8, and 9, 1977, there will be a Job Market Meeting for Economists at the O'Hare Hilton, O'Hare Airport, Chicago. The meeting will run from Noon, January 7 through Noon, January 9.

# **MESSAGE AND INFORMATION CENTER**

Message centers will be located in the Main Lobby of Haddon Hall Hotel with secondary locations in the Windsor Room of the Haddon Hall Hotel and the Main Lobby of the Shelburne Hotel. Messages may be transmitted in person or by telephone during the hours of 8:30 a.m. to 5:00 p.m. throughout the conference. The number to call is (609) 348-6000. Messages may also be left or picked up at the Message Centers when the telephone center is closed. The Message and Information Center will operate during the following hours:

Wednesday, September 15 Thursday, September 16 Friday, September 17 Saturday, September 18	10:00 a.m. to 8:00 p.m. 8:00 a.m. to 8:00 p.m. 8:00 a.m. to 8:00 p.m.
Saturday, September 18	8:00 a.m. to 12:00 noon

The hotel addresses of all persons who registered prior to August 15 are listed in the booklet included with the registration kit. Others will be found on up-to-date printouts at the Message and Information Center as well as other key areas in the Convention Hotels.

# FEE EVENTS AND INVITATION EVENTS

Fee and invitation events are listed in the program in their appropriate chronological places. Events for which a fee is charged or which may be attended by invitation only are noted in each listing. Tickets may be obtained at the Fee Events desk located in the convention registration area of Haddon Hall Hotel.

### **EXHIBITS**

Exhibits are located in Exhibit Hall of the Haddon Hall Hotel. Hours during which exhibits may be viewed are as follows:

Thursday, September 16	8:00 a.m. to 5:30 p.m.
Friday, September 17	8:00 a.m. to 5:30 p.m.
Saturday, September 18	8:00 a.m. to 1:00 p.m.

A directory of exhibitors appears on page of this program.

### PRESS SERVICES

The press room is located in Haddon Hall Hotel's Solarium on the Lounge Floor. Regularly scheduled news conferences will be held outside on the Sun Deck. Members of the Press and Publicity Committee will staff the press room during the following hours:

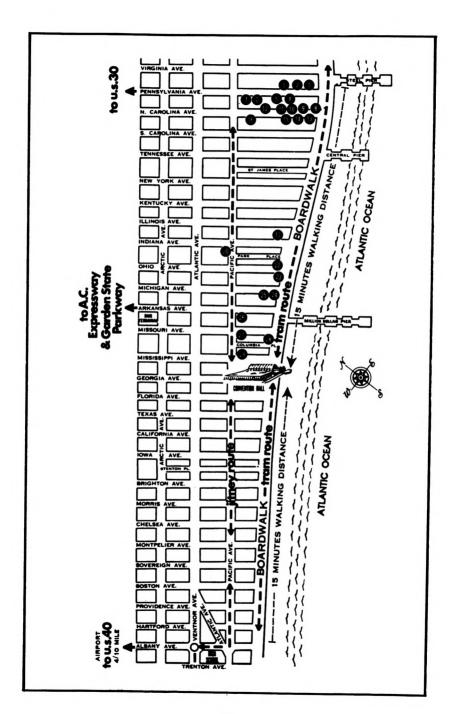
Wednesday, September 15	12:00 noon to 6:00 p.m.
Thursday, September 16	8:00 a.m. to 6:00 p.m.
Friday, September 17	8:00 a.m. to 6:00 p.m.
Saturday, September 18	8:00 a.m. to 12:00 noon

ONLY MEDIA PERSONS WILL BE PERMITTED TO THE PRESS ROOM. The press room telephone number is (609) 344-6000.

# **TOURIST INFORMATION**

If participants of the Allied Social Science Associations conference wish to visit Philadelphia in honor of the Bicentennial year, tours can be arranged through Gray Line. The persons to contact in Atlantic City for further details are Irwin Hines and Ray Stroble, North Arkansas and Arctic Avenues. Telephone (609) 344-2211.

For tour information in Philadelphia, please contact the Philadelphia Convention and Visitors Bureau (215) 864-1976.



# Hotel and Meeting Rooms

Scheduled sessions where papers will be read are all scheduled in the Shelburne and Haddon Hall Hotels, with the exception of the meetings for the Industrial Relations Research Association which will occur in the Sheraton-Seaside Hotel. Special organization meetings, fee events, receptions and housing for participants are in the following hotels and motels. Please refer to the map on the following page for the location of these facilities.

1	Shera	ton-Seasi	ide Hotel

- 2. Sheraton-Seaside Motor Inn
- 3. Terrace
- 4. Aristocrat
- 5. Sahara
- 6. Colton Manor Motel
- 7. Colton Manor Hotel
- 8. Chalfonte-Haddon Hall
- 9. Ramada Inn Tower
- 10. Ramada Inn Motel
- 11. Barclay
- 12. Lafayette Motor Inn
- 13. Catalina
- 14. Barbizon
- 15. Carolina Crest
- 16. Burgundy
- 17. Colony Resort
- 20. Eastbourne
- 22. Marlborough-Blenheim Ocean Wing
- 23. Marlborough-Blenheim Hotel
- 24. Shelburne Hotel
- 25. Empress
- 26. Howard Johnson's Regency
  Motor Hotel
- 27. Four Seasons
- 28. Holiday Inn
- 29. Pageant Motor Inn

Boardwalk and Pennsylvania Ave.

Boardwalk and Pennsylvania Ave. Boardwalk and Pennsylvania Ave.

136 S. Pennsylvania Ave.

166 S. Pennsylvania Ave.

110 S. Pennsylvania Ave.

110 S. Pennsylvania Ave.

Boardwalk and North Carolina Ave.

141 S. North Carolina Ave.

141 S. North Carolina Ave.

121 S. North Carolina Ave.

109 S. North Carolina Ave.

154 S. North Carolina Ave.

140 S. North Carolina Ave.

134 S. North Carolina Ave.

116 S. North Carolina Ave.

Indiana near Boardwalk

Pacific and Indiana Aves.

Boardwalk and Park Place

Boardwalk and Park Place
Boardwalk and Michigan Ave.

Michigan Ave. near Boardwalk

120 S. Arkansas Ave.

Pacific and Missouri Aves.

Boardwalk and Missouri Aves.

Pacific and Mississippi Aves.

# HOTELS AND PUBLIC ROOMS

## **HADDON HALL HOTEL**

Bakewell Room first floor
Derbyshire Room first floor
Exhibit Hall main lobby floor
Garden Roomlounge floor
Green Room lounge floor
Library main lobby floor
Mandarin Room tower floor
Navajo Room fifteenth floor
Pavilion Room fifteenth floor
Pennsylvania Roomlounge floor
Room A first floor
Room 134 first floor
Room 1332 tower floor
Rowsley Room first floor
Rutland Room first floor
Solariumlounge floor
Sun Porch lounge floor
Tower Room tower floor
Vernon Room lounge floor
Viking Theater tower floor
West Room tower floor
Windsor Room main lobby floor

## **CHALFONTE HOTEL**

Blue Room main lo	bbv
Marine Roomlounge	floor
Music Roomlounge	floor
Parlor A & Blounge	floor
Roberts Room main lo	bbv
St. Giles Roomlounge	floor
Vaux Halllounge	floor
Zodiac A & Blounge	floor

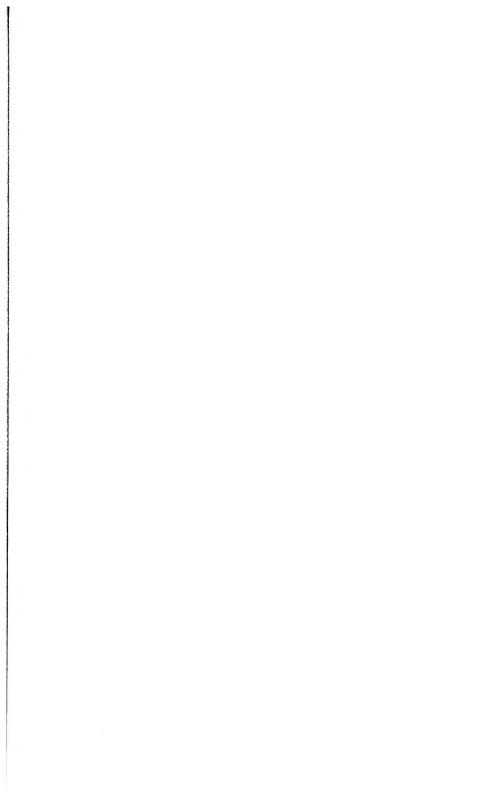
### SHELBURNE HOTEL

Coral Reef main lobby floor	r
County Cork Manor lower level	
Diamond Jim Brady main lobby floor	•
East Roomfirst floor	
East Beach Room main lobby floor	r
Grand Ballroom main lobby floor	

Mirror Room main lobby floor Oak Lounge main lobby floor Presidential Suite I eighth floor Presidential Suite II ninth floor Presidential Suite III tenth floor Solarium first floor West Room first floor West Beach Room main lobby floor	
SHERATON-SEASIDE HOTEL	
Gold Room mezzanine Ocean Lounge mezzanine Pennsylvania A & B mezzanine Pennsylvania C & D mezzanine Ruby Room lobby floor Terrace Room mezzanine Terrace Motel	
HOLIDAY INN	
Ballrooms A, B, & C	
HOWARD JOHNSON'S REGENCY MOTOR HOTEL	

Granada Room ......lobby floor Pacific Room .....mezzanine

Note: All program sessions will be identified at the Hotel rooms by session number only.



# Association Presidents

American Agricultural Economics Association

American Economic Association

American Finance Association

American Real Estate and Urban Economics Association

Association for Comparative Economic Studies

American Association of Environmental Economists

Association for Evolutionary Economics

Association for Social Economics

Association for the Study of the Grants Economy

**Econometric Society** 

Health Economics
Research Organization

History of Economics Society

Industrial Relations Research Association Kenneth R. Farrell

U.S. Department of Argriculture

Franco Modigliani

Massachusetts Institute
of Technology

Merton Miller
University of Chicago

Robert M. Fisher
Federal Reserve Board of Governors

Joseph S. Berliner **Brandeis University** 

Terry A. Ferrar

Pennsylvania State University

Wallace C. Peterson
University of Nebraska

Warren J. Bilkey
University of Wisconsin

Kenneth E. Boulding University of Colorado

Hirofumi Uzawa
University of Tokyo

Donald E. Yett—Coordinator
University of Southern California

George Stigler University of Chicago

Irving Bernstein
University of California—
Los Angeles

Joint Council on Economic Education

M. L. Frankel

National Association of Affiliated Economic Education Directors

Dennis O'Toole

Virginia Commonwealth University

National Economic Association

Alfred Edwards
University of Michigan

North American Economic Studies Association

Robert Mundell

Columbia University

National Tax Association/ Tax Institute of America

Laurence N. Woodworth Washington, D.C.

Richard W. Lindholm—Coordinator University of Oregon

Omicron Delta Epsilon

Charles F. Phillips

Washington and Lee University

Public Choice Society

**Charles Plott** 

California Institute of Technology

Society of Government Economists

James B. Robinson

Transportation and Public Utilities Group of the AEA

John L. Hazard Michigan State University

Union for Radical Political Economics

Jane Hammond

# **Exhibitors**

	Booth
Academic Press, Inc. 111 Fifth Avenue New York, NY 10003	38
Addison-Wesley Publishing Co., Inc. Jacob Way Reading, MA 01867	46
The Advertising Council Inc. 825 3rd Avenue New York, NY 10022	98
American Enterprise Institute for Public Policy Research 1150 17th Street, N.W. Washington, D.C. 20036	9
American University Press Services, Inc. One Park Avenue New York, NY 10016	52
Association of Small Publishers 22 Appleton Place Glenridge, N.J. 07028	64

	Booth
Ballinger Publishing Company 17 Dunster Street Cambridge, MA 02138	10
Basic Books, Inc. 10 East 53rd Street New York, NY 10022	4
The Brookings Institution 1775 Massachusetts Ave., N.W. Washington, D.C. 20036	1
Business Publications, Inc. 13773 N. Central Expwy. Suite 1121 Dallas, TX 75231	30
Cambridge University Press 32 East 57th Street New York, NY 10022	41
Columbia University Press 562 West 113th Street New York, NY 10025	44
The Combined Book Exhibit Scarborough Park Albany Post Road Briarcliff Manor, NY 10510	59
Committee for Economic Development 477 Madison Avenue New York, NY 10022	6
Congressional Information Service 7101 Wisconsin Avenue Washington, D.C. 20014	99
Elsevier North-Holland, Inc. 52 Vanderbilt Avenue New York, NY 10017	37
Encyclopedia Britannica, Inc. 425 North Michigan Avenue Chicago, IL 60611	51
Goodyear Publishing Co., Inc. 15115 Sunset Boulevard Pacific Palisades, CA 90272	7

	Booth
Harper & Row 10 East 53rd Street New York, NY 10022	5
Harper Torchbooks/ Barnes & Noble 10 East 53rd Street New York, NY 10022	58
Harvard University Press 79 Garden Street Cambridge, MA 02138	24
D. C. Heath and Company 125 Spring Street Lexington, MA 02173	48
Holden-Day, Inc. 500 Sansom Street San Francisco, CA 94111	50
Holmes & Meier Publishers, Inc. 101 Fifth Avenue New York, NY 10003	53
Houghton Mifflin Company 1 Beacon Street Boston, MA	2
Richard D. Irwin, Inc. 1818 Ridge Road Homewood, IL 60430	28
Institute for Economic Analysis 1346 Connecticut Avenue N.W. Room 916 Washington, D.C. 20036	14
Institute for Scientific Information 325 Chestnut Street Philadelphia, PA 19106	35
International Arts & Sciences Press, Inc. 901 N. Broadway White Plains, NY 10603	34

International Labor Office 1750 New York Avenue, N.W. Washington, D.C. 20006	21
Imported Publications 320 West Ohio Street Chicago, IL 60610	60
International Publishers 381 Park Avenue, South New York, NY 10016	60
JAI Press, A Division of Johnson Associates P.O. Box 1285 Greenwich, CT 06830	ε
The Johns Hopkins University Press Charles and 34th Streets Baltimore, MD 21218	18
Augustus M. Kelley, Publishers Fairfield Road Fairfield, NJ 07006	47
Lexington Books, A Division of D. C. Heath 125 Spring Street Lexington, MA 02173	49
McGraw-Hill Book Co. 1221 Avenue of the Americas New York, NY 10020	32-33
The Macmillan Company 866 Third Avenue New York, NY 10022	15
The MIT Press 28 Carleton Street Cambridge, MA 02142	54
National Bureau of Economic Research 261 Madison Avenue New York, NY 10016	11

W. W. Norton & Company, Inc. 500 Fifth Avenue New York, NY 10036	20–21
OECD Publications Center 1750 Pennsylvania Ave., N.W. Suite 1207 Washington, D.C. 20006	29
Oxford University Press 200 Madison Avenue New York, NY 10016	39
Pergamon Press, Inc. Fairview Park Elmsford, NY 10523	45
Praeger Publishers, Inc. 111 Fourth Avenue New York, NY 10003	36
Prentice Hall, Inc. Englewood Cliffs, NJ 07632	25-26
Resources for the Future 1755 Mass. Ave., N.W. Washington, D.C. 20026	19
W. B. Saunders Company West Washington Square Philadelphia, PA 19105	17
Science Research Associates, Inc. College Division 1540 Page Mill Road Palo Alto, CA 94304	56
South-Western Publishing Company 5101 Madison Road Cincinnati, OH 45227	100
U.S. Bureau of Economic Analysis 1401 K Street, N.W. Tower Building Room 912 Washington, D.C. 20230	13

U.S. Bureau of the Census Room 3529 F.B3 Washington, D.C. 20233	12
U.S. Department of Labor Bureau of Labor Statistics 441 G Street, N.W., Room 2029 Washington, D.C. 20212	55
University of Chicago Press 5801 Ellis Avenue Chicago, IL 60637	31
Institute for Social Research University of Michigan Press	57
The Urban Institute 2100 M Street, N.W. Washington, D.C. 20037	43
Wadsworth Publishing Company 10 Davis Drive Belmont, CA 94002	16
West Publishing Company 50 W. Kellogg Boulevard St. Paul MN 55102	42
John Wiley & Sons, Inc. 605 Third Avenue New York, NY 10016	22-23
Winthrop Pub., Inc. 17 Dunster Street Cambridge, MA 02138	63
Worth Publishers, Inc. 444 Park Ave., South New York, NY 10016	63
Yale University Press 302 Temple Street New Haven, CT 06511	40

# Daily Program List

# Wednesday, September 15

10:00 am Haddon Hall Library AEA

**Executive Committee Meeting—Invitation Only** 

6:30 pm Holiday Inn—Pool Deck and Casa del Sol ASSA

ASSA Local Arrangements Committee Cocktails and Dinner—Invitation Only

7:30 pm Haddon Hall—Bakewell Room AFEE

**Board of Directors Meeting** 

7:45 am Holiday Inn—Ventnor B

**AEA** 

Chairperson's Breakfast—Invitation Only

8:30 am Haddon Hall—Mandarin Room, Session No. 10 AEA

Income Maintenance (Contributed Paper Session)

Chairperson: ROBERT J. LAMPMAN, University of Wisconsin, Madison

Some Microeconomic Relationships Between Work and Welfare—BENNETT HARRISON and MARTIN REIN, Massachusetts Institute of Technology

The Initial Labor Supply Findings from the Gary Income Maintenance Experiment—KENNETH C. KEHRER, et al., Mathematica Policy Research

A Reappraisal of Negative Tax and Employment Subsidy Approaches to Reforming Welfare—ROBERT I. LERMAN, University of Wisconsin

The Effects of an Income Maintenance Program on School Performance of Children—REBECCA A. MAYNARD, Mathematica Policy Research

Short-Run Housing Responses to Income Changes—ELIZABETH A. ROISTACHER, Queens College

**Discussion:** HAROLD WATTS, Columbia University

8:30 am
Haddon Hall—Tower Room, Session No. 9
AEA

**Micro-Economics** (Contributed Paper Session)

Chairperson: CAROLYN SHAW BELL, Wellesley College

A Financial Model of the Banking Firm—JAMES B. HERENDEEN, Pennsylvania State University and RAYMOND LOMBRA, Board of Governors of the Federal Reserve System

The Demand for Manuscript Review—CAROL C. McDONOUGH, University of Lowell

Capacity at the Level of the Firm, the Sector and the Economy—GORDON C. WINSTON, Williams College

Monopoly Power and Stable Price Policy-S. Y. WU, University of Iowa

Discussion: OLIVER WILLIAMSON, University of Pennsylvania

8:30 am
Haddon Hall—Derbyshire Room, Session No. 4
AEA

Non-Pecuniary Economics I (Contributed Paper Session)

Chairperson: JOSEPH L. SENECA, Rutgers University

A Theoretical and Empirical Analysis of the Prosecutor—BRIAN FORST and KATHLEEN B. BROSI, Institute for Law and Social Research

Enforcement of Work Discipline—Detection, Rewards and Fines—ITZHAK GOLDBERG, Hoover Institution

Scholastic Achievement: The Student as a Multi-Product Firm—THOMAS J. KNIESNER and SOLOMON W. POLACHEK, University of North Carolina, Chapel Hill

A Comparison of Adam Smith's Comments on Non-Pecuniary Rewards for Work with Contemporary Concepts and Measures of Non-Pecuniary Rewards for Work—CHARLOTTE D. PHELPS, Temple University

Discussion: LESTER THUROW, Massachusetts Institute of Technology

8:30 am
Shelburne Hotel—Coral Reef Room, Session No. 31
AEA

# **Equilibrium in Markets Where Price Exceeds Cost**

Chairperson: ROBERT E. HALL, Massachusetts Institute of Technology

Uncertainty, Production Lags, and Pricing—DENNIS CARLTON, University of Chicago

Resource Extraction with Differential Information—RICHARD GILBERT, University of California, Berkeley

Product Differentiation and Barriers to Entry—A. MICHAEL SPENCE, Harvard University

**Discussion:** PAUL JOSKOW, Massachusetts Institute of Technology, F. M. SCHERER, Northwestern University

8:30 am
Haddon Hall—Viking Theatre, Session No. 8
AEA. AAEE

**Environmental Priorities: Health vs. Amenity** 

**Chairperson:** WILLIAM BAUMOL, New York University and Princeton University

Evaluation of Benefits—Safety vs. Amenity—LESTER LAVE, Carnegie-Mellon University

Socioeconomic Groups and Environmental Priorities—ROBERT DORFMAN and NANCY DORFMAN, Harvard University

Environmental Priorities in the Southwest Region—ALLEN KNEESE, University of New Mexico

### **No Discussants**

8:30 am Haddon Hall—Garden Room, Session No. 2 AFA

**Corporate Finance: Empirical Tests** 

Chairperson: MARTIN J. GRUBER, New York University

Bankruptcy Costs, Absolute Priority, & Pricing of Risky Debt Claims—JEROLD B. WARNER, University of Chicago

Corporate Merger and the 'Co-insurance' of Corporate Debt Hypothesis—E. HAN KIM and JOHN J. McDONNELL, Ohio State University

**Discussion:** JAMES C. VAN HORNE, Stanford University and U.S. Treasury, BERNELL K. STONE, Cornell University

8:30 am Haddon Hall—Navajo Room, Session No. 11 AFEE

# **Employment and Productivity**

Chairperson: WILLIAM M. DUGGER, North Texas State University

Hansen's Secular Stagnation Thesis Once Again—ANTHONY SCAPERLANDA, Northern Illinois University

Productivity and Administrative Employees—A. DOGRAMACI, Columbia University

Underemployment: Definition, Causes, Consequences—G. P. GLYDE, Pennsylvania State University, University Park

**Discussion:** FRANK G. DAVIS, Howard University, GARY MOORE, State University of New York, Geneseo, CHRISTOPHER T. KING, University of Utah

8:30 am Haddon Hall—Rowsley Room, Session No. 6 ES

# **Quantitative Monetary Economics**

Chairperson: MICHAEL DARBY, UCLA

A Test of the Direction of Causation between Money and Income in Developed Countries—F. DY REYES, Metropolitan State College; D. STARLEAF, Iowa State; G. WANG, U.S. Department of Transportation

Estimates of the Fisher Effect: A Structural Model Approach—R. FROYEN and L. DAVIDSON, University of North Carolina

Estimating Negotiable Certificates of Deposit (CD) Demand Equations—A. ROLNICK, Federal Reserve Bank of Minneapolis

The Cyclical Behavior of Interest Rates: A Factor Analytic Approach—K. SINGLETON, University of Wisconsin

**Discussion:** JOHN GEWEKE, University of Wisconsin, J. ERNEST TANNER, Tulane University

8:30 am
Haddon Hall—Pavilion Room, Session No. 12
ES

# Money and Trade and Macro

Chairperson: DAVID KENDRICK, University of Texas, Austin

On Short-Run Policy Impacts in a Dynamic Two Country Model—MASANAO AOKI, University of California, Los Angeles and MATTHEW CANZONERI, University of Illinois

The Monetary Approach to Devaluation and Neutralization: Developed and Developing Countries—MICHAEL B. CONNOLLY and DEAN G. TAYLOR, University of Florida

The Effects of the Demand for Foreign Money Balances on Macroeconomic Policy: A Case Against Flexible Exchange Rates—JAMES HOLMES, University of California, Santa Barbara and BEREL SPIVACK, University of North Carolina, Chapel Hill

Capital Mobility and Endogenous Stabilization Policy Under Flexible Exchange Rates—JAY H. LEVIN, Wayne State University

**Discussion:** NEIL WALLACE, University of Minnesota, JOHN BILSON, Northwestern University

8:30 am Chalfont Hotel—Zodiac A, Session No. 23 ES

# **General Equilibrium Theory**

Chairperson: DONALD BROWN, Yale University

The No-Surplus Condition as a Characterization of Perfectly Competitive Equilibrium: The Finite Case—J. M. OSTROY, University of California, Los Angeles

A New Mathematical Presentation of Equilibrium Analysis—Y. BALASKO, Electricite De France, Paris

General Equilibrium in a Model of an Economy of the Traditional Soviet Type—A. FELTENSTEIN, University of Massachusetts, Amherst

On the Structure of the Set of Fixed Price Equilibria—G. LAROQUE and H. POLEMARCHAKIS, Cambridge, Massachusetts

Factor Price Equalization—K. NISHIMURA, University of Rochester and Dalhousie University

**Discussion:** CRISOSTOMO GARCIA, University of Chicago, RICHARD KIHLSTRON, University of Illinois, Urbana, ALOISIO ARAUJO, University of California, Berkeley

8:30 am
Chalfont Hotel—Blue Room, Session No. 21
ES

# The Impact of Transfers on Unemployment and Labor Supply

Chairperson: FARRELL BLOCH, Princeton University

Estimating Labor Market Transition Probabilities from Household Survey Data—ROBERT H. FRANK, Cornell University

Effect of Unemployment Insurance Entitlement on Duration and Job Search Outcome—ARLENE HOLEN, Public Research Institute of the Center for Naval Analyses

Appropriate Parameterizations of Labor Supply Responses to Income Maintenance—STUART H. KERACHSKY, Mathematica Policy Research and CHARLES D. MALLAR, Johns Hopkins University

Information Deficiencies and Search Unemployment—WESLEY S. MELLOW, Office of Research Methods and Standards

The Retirement Decision: Estimation of a Continuous Outcome Labor Supply Function for Older Males—JACK E. WHITING, JR., Cornell University

**Discussion:** RONALD EHRENBERG, Cornell University, STEPHEN MARSTON, The Brookings Institution

8:30 am
Chalfont Hotel—Parlor A & B, Session No. 24
ES

# Energy I—The Demand for Energy

Chairperson: ED ERICKSON, North Carolina State

The Demand for Energy—An International Comparison—ROBERT S. PINDYCK, Massachusetts Institute of Technology

A Dynamic Theoretical Framework for the Empirical Analysis of Household Energy Demand—R. ASHLEY LYMAN, University of Arizona

Energy Demand by U.S. Manufacturing Industry—GORTI V. L. NARASIMHAM, U.S. Department of Commerce

Disequilibrium Energy Demand in U.S. Manufacturing—ROBERT HALVERSON, University of Washington, Seattle

Regional Energy Demand Modeling—KENNETH W. COSTELLO, Argonne National Laboratory

**Discussion:** DAVID NISSEN, Federal Energy Administration, MICHAEL P. WARD. UCLA

8:30 am
Haddon Hall—Bakewell Room, Session No. 5
ES

# **Topics in Applied Welfare Economics**

Chairperson: JOHN HAUSE, University of Minnesota

Risk, Industry Equilibrium, and Price Stabilization—RONALD BRITTO, SUNY. Binghamton

Optimal Control of the U.S. Grain Market—ENRIQUE R. ARZAC, Columbia University

Welfare Theory of Concentration Indices—R. E. DANSBY and R. D. WILLIG, Bell Laboratories, Holmdel

Designing Incentive Structures to Increase Performance and the Quality of Information in Uncertain Decentralized Planning Environments—JOHN P. BONIN and ALAN MARCUS, Wesleyan University

**Discussion:** JOHN UNDERWOOD, Division of International Finance, Board of Governors, Washington, D.C., SIDNEY WINTER, University of Michigan

8:30 am
Sheraton-Seaside—Ruby Room, Session No. 51
IRRA

The Profession of Labor Arbitration (Workshop)

Chairperson: PATRICK WESTERKAMP, American Arbitration Association

Tribulations of Joining the Ranks of Labor Arbitrators—BENJAMIN RUBENSTEIN, Arbitrator, New York City

Developing Labor Arbitrators—New Jersey Approach—HOWARD GOLOB, Arbitrator, New Jersey

Developing Labor Arbitrators—The General Electric/IUE Approach—THEODORE ST. ANTOINE, University of Michigan

Tribulations of Joining the Ranks of Labor Arbitrators—STANLEY AIGES, Arbitrator

8:30 am
Sheraton-Seaside—Pennsylvania A & B, Session No. 50
IRRA

# Management-By-Objectives and Industrial Relations

Chairperson: THOMAS H. PATTEN, JR., Michigan State University

A Perspective on MBO for the Industrial Relations Scholar and Specialist—THOMAS H. PATTEN, JR., Michigan State University

MBO in a Bank: An Empirical Study of Performance Measures—JAN P. MUCZYK, Cleveland State University

MBO in a Large Industrial Organization—STEPHEN J. CARROLL, JR., University of Maryland

MBO Goal Setting and Expectancy Theory in a Hospital Setting—HENRY P. SIMS, JR., Pennsylvania State University and E. ALLEN SLUSHER, University of Missouri

Discussion: MAX S. WORTMAN, University of Massachusetts

8:30 am
Shelburne Hotel—Diamond Jim Brady Room, Session No. 30
SGE

# **Future Directions in Federal Antitrust Policy**

Chairperson: DAVID D. MARTIN, Indiana University, Bloomington

The Petroleum Industry: Potential Legislation—WALTER MEASDAY, U.S. Senate Subcommittee on Antitrust and Monopoly

The Changing Role of Information in Antitrust Enforcement—IRA HOROWITZ, University of Florida, Gainesville

Discussion: JOSEPH BRODLEY, Indiana University, Bloomington

8:30 am
Chalfont Hotel—Roberts Room, Session No. 20
URPE

#### **Advanced Countries and the Third World**

Chairperson: To be announced

The U.S. Crisis and Accumulation in Backward Economics: The Case of Peru—JOHN WEEKS and ELIZABETH DORE, University of Wisconsin, Madison

The Character of Soviet Economic Relations with Third World Countries—PATRICK CLAWSON, New School for Social Research

**Discussion:** Lynn Turgeon, Hofstra University

9:00 am-5:00 pm Haddon Hall Hotel—Room 1332

Committee on the Status of Women in the Economics **Profession**—Open Room

Chairperson: BARBARA REAGAN, Southern Methodist University

9:30 am Sheraton-Seaside—Gold Room IRRA

**Industrial Relations Centers Directors' Meeting** 

Chairperson: ROBERT B. McKERSIE, Cornell University

10:00 am Haddon Hall Hotel—West Room, Session No. 7 AEA, AAEA

# Agricultural Sector Models and Their Interface with the General Economy

Chairperson: KARL A. FOX, Iowa State University

Structure and Specification of the Wharton Agricultural Model—DEAN T. CHEN, Wharton Econometric Forecasting Associates

Agricultural Activity and the General Economy: Some Macro-Model Experiments—JOSEPH M. ROOP and RANDOLPH H. ZEITNER, Economic Research Service, USDA

Price Determination Processes for Agricultural Sector Models—DALE HEIEN, Private Consultant

**Discussion:** STANLEY R. JOHNSON, University of Missouri, RICHARD JUST, University of California, Berkeley

10:30 am Chalfont Hotel—Music Room, Session No. 22 AEA

### **Analysis of Domestic Inflation**

Chairperson: GARY FROMM, National Bureau of Economic Research

Analysis of Domestic Inflation: Theory—ROBERT J. GORDON,

Northwestern University

Analysis of Domestic Inflation: Measurement—JACK E. TRIPLETT, U.S. Bureau of Labor Statistics

38

Analysis of Domestic Inflation: Transmission—JOEL POPKIN, National Bureau of Economic Research

**Discussion:** CHARLES L. SCHULTZE, Brookings Institution and University of Maryland, JOHN SHOVEN, Stanford University, NANCY S. BARRETT, U.S. Congressional Budget Office

10:30 am Haddon Hall Hotel—Tower Room, Session No. 9 AEA

**Discrimination** (Contributed Paper Session)

Chairperson: MARCUS ALEXIS, Northwestern University

The Economic Effect of Fair Employment Laws on Occupations—Progress of Black Americans 1954-1972—O. L. E. MBATIA, University of California, Irvine

Has the Recession Been an Equal Opportunity Dis-Employer?—RALPH E. SMITH, The Urban Institute

Alternative Economic Development Strategies on U.S. Indian Reservations—DAVID L. VINJE, Pacific Lutheran University

Job Suburbanization and the Welfare of Central City Minority Groups—MICHELLE J. WHITE, University of Pennsylvania

Discussion: DONALD W. KATZNER, University of Massachusetts

10:30 am Haddon Hall Hotel—Rutland Room, Session No. 3 AEA

New Directions in the Economics of Information Transfer

**Chairperson:** FRITZ MACHLUP, New York University and Princeton University

An Empirical Analysis of the Production and Distribution of Information—WILLIAM BAUMOL, New York University and Princeton University and YALE BRAUNSTEIN, New York University

Review of New Information Theory Applications—JACK HIRSHLEIFER and JOHN RILEY. University of California, Los Angeles

Discussion: DONALD W. KING, Market Facts, Inc., STEPHEN KAGANN,

The John and Mary Markle Foundation

Summary: FRITZ MACHLUP

10:30 am Haddon Hall Hotel—Viking Theatre, Session No. 8 AEA, AFA

#### Risk and Regulation in Commercial Banking

Chairperson: JOHN R. BUNTING, First Pennsylvania Corporation

The Regulation of Risk: Role of the Market—SAMUEL B. CHASE, JR., Samuel B. Chase, Jr., Inc., Washington, D.C.

The Management of Bank Failure: Franklin National vs. Bankhaus Herstatt—ANDREW F. BRIMMER, Economic and Financial Consultant, Washington, D.C.

Banking in a Fragile Financial Environment—HYMAN P. MINSKY, Washington University

**Discussion:** JACK GUTTENTAG, University of Pennsylvania, PHILIP E. COLDWELL, Board of Governors of the Federal Reserve System, CHARLES J. ZWICK, Southest Banking Corporation, THOMAS MAYER, University of California, Davis

10:30 am Haddon Hall Hotel—Garden Room, Session No. 2 AEA. NEA

### **Endogenous Theories of Racial Discrimination**

Chairperson: ALFRED L. EDWARDS, University of Michigan

Labor Force Conflict Model—DAVID H. SWINTON, State University of New York, Stony Brook

Information and Screening Model—GERALD JAYNES, University of Pennsylvania

A Marxist Model of Discrimination—GERRY OSTER, City University of New York

**Discussion:** A. MICHAEL SPENCE and KENNETH J. ARROW, Harvard University, JULIAN ELLISON, Black Economic Research Center

10:30 am
Shelburne Hotel—Coral Reef Room, Session No. 31

**Investments: Empirical Studies** 

Chairperson: MARSHALL E. BLUME, University of Pennsylvania

Determinants of Common Stock Prices: A Time Series Analysis—JOHN

KRAFT, Federal Energy Administration

Forecasting Stock Market Prices—DAVID A. UMSTEAD, University of Pennsylvania

Discussion: To be announced

10:30 am Shelburne Hotel—County Cork Manor, Session No. 36 AFA

### Monetary Policy and the Exchange Rate

Chairperson: ROBERT Z. ALIBER, University of Chicago

Tests of Theories of Exchange Rate Determination—BRUCE BRITAIN, Citicorp, New York

Exchange Rate Expectations and the Demand for Money—NICHOLAS SARGEN, Federal Reserve Bank of San Francisco

**Discussion:** BRAD CORNELL, University of Arizona, DUNCAN RIPLEY, International Monetary Fund, ARIS PROTOPAPADAKIS, University of Chicago

10:30 am Haddon Hall Hotel—Derbyshire Room, Session No. 4 AFEE

#### **Inflation and Democratic Values**

Chairperson: ROBERT LEKACHMAN, Herbert H. Lehman College, CUNY Monopoly Power and Stagflation—HOWARD SHERMAN, University of California, Riverside

The New Inflation—JIM REESE, University of Oklahoma

Inflation and the Destruction of Democracy: The Case of the Weimar Republic—LEWIS E. HILL, CHARLES BUTLER and STEPHEN LORENZEN, Texas Tech University

**Discussion:** ROLAND H. KELLER, II, Brigham Young University, RICHARD T. TALIAFERRO, Air Force Institute of Technology, PATRICK J. WELCH. St. Louis University

10:30 am-12:00 noon Haddon Hall—Pavilion, Session No. 12 AREUEA

## Quantitative Methods in Real Estate and Urban Economics Analysis

Chairperson: STEPHEN D. MESSNER, University of Connecticut

Optimal Real Estate Portfolios—M. CHAPMAN FINDLAY, III and CARL W. HAMILTON, University of Southern California and STEPHEN D. MESSNER, University of Connecticut

A Review of Quantitative Techniques Applicable to Multicollinear Relationships in Real Estate and Urban Economics Research—GEORGE W. GAU and DANIEL KOHLHEPP, University of Oklahoma

Development and Implementation of a Linear Programming Model for Optimally Allocating Real Estate Brokerage Activity—H. ALEXANDER McKINNON and STEPHEN A. PYHRR, The University of Texas

**Discussion:** DONALD M. KAPLAN, Federal Home Loan Bank Board, TERRY D. ROBERTSON, Florida International University

10:30 am Haddon Hall Hotel—Bakewell Room, Session No. 5 ES

#### Social Choice and Mathematical Politics

Chairperson: HUGO SONNENSCHEIN, Northwestern University

Equilibrium Strategies by Candidates with Policy Preferences—D. WITTMAN, University of Chicago

Voting as a Markov Process—K. U. AHMAD, Princeton University

The Impossibility of Representation—A. KATZ and S. NITZAN, Virginia Polytechnic Institute and State University

Algebraic Results on Collective Choice Rules—J. KELLY, University of Syracuse

Infinite 2-Candidate Games with Uncertain Pluralities—P. COUGHLIN, SUNY at Albany

**Discussion:** DONALD BROWN, Yale University, ROBERT PARKS, Washington University, St. Louis

10:30 am Haddon Hall Hotel—Navajo Room, Session No. 11 ES

#### **Monetary Economics Theory**

Chairperson: HERSCHEL GROSSMAN, Brown University

Monetary and Fiscal Policy Beyond the Short Run: Inflation, Public Debt, Private Wealth and Capital Accumulation—E. BRADFORD, Claremont

A Method for Examining the Informational Content of Consumer Price Index Announcements—W. BRADFORD CORNELL, Arizona

The Optimal Timing of Transactions—P. HOWITT, Western Ontario and R. CLOWER, UCLA

The Effect of Relative Price Changes on the Demand for Money—A. POLICANO and E. CHOI, University of Iowa

**Discussion:** KAMRAN NOMAN, University of Rochester, JEREMY SIEGEL, University of Pennsylvania

10:30 am Chalfont Hotel—Blue Room, Session No. 21 ES

## The Impact of Unions and Minimum Wages

Chairperson: MICHAEL L. WACHTER, University of Pennsylvania

Union Power and the Return to Schooling: A Case for a Positive Externality to Schooling Labor Economics—JOHN BISHOP, University of Wisconsin, Madison

The Impact of Minimum Wage Legislation on Schooling Decisions of Youths—RONALD G. EHRENBERG, Cornell University

The Effect of Unions on the Wages of Non-union Workers—LAWRENCE M. KAHN, University of Illinois at Urbana-Champaign

**Discussion:** ROBERT GOLDFARB, George Washington University, FARRELL BLOCH, Princeton University

10:30 am Chalfont Hotel—Marine Room, Session No. 27 ES

#### **Developmental Studies**

Chairperson: CHARLES BLITZER, World Bank

A Micro-Analytic Approach to Choice of Technique in Developing Countries—YUNG W. RHEE and LARRY WESTPHAL, The World Bank

The Interactions Between Family Size and Wife's Employment in Less Developed Countries—BARBARA JANOWITZ and ROBERT VERNON, North Carolina State University, Raleigh

Some Effects of the 1967 Sterling Devaluation on Fiji—ELINDA B. F. KORNBLITH, University of Pennsylvania

An Econometic Analysis of Interregional Migration and Its Effects on the Postwar Development of the Italian South—DOMINICK SALVATORE, Fordham University, New York

Endogenous Populations in Neoclassical Economies: A Comparison—RICHARD KOSOBUD and WILLIAM O'NEILL, University of Illinois at Chicago Circle

**Discussion:** ROMEO BAUTISTA, University of Philippines, CHRISTOPHER CLAGUE, University of Maryland

10:30 am Chalfont Hotel—Parlor A & B, Session No. 24 ES

**Energy II: Efficiency of Electricity Production and Regulation** 

Chairperson: ELIZABETH BAILEY, Bell Telephone Laboratory, Holmdel

Efficiency in Electricity Generation: Public vs. Private Ownership—SCOTT E. ATKINSON, Federal Energy Administration

An Assessment of the Relative Efficiency of Power Pools and Unaffiliated Firms—LAURITS R. CHRISTENSEN and WILLIAM H. GREENE, University of Wisconsin, Madison

The Impact of the Fuel Adjustment Mechanism on Economic Efficiency—FRANK M. GALLOP and STEPHEN KARLSON, University of Wisconsin, Madison

Depreciation, Tax Policy, and Firm Behavior Under Regulatory Constraint—U. SANKER, University of Wisconsin, Milwaukee

An Empirical Analysis of Monopoly Regulation Under Uncertainty—S. PERRAKIS and J. ZERBINIS, University of Ottawa

**Discussion:** ROBERT SPANN, Virginia Polytechnic Institite and State University, LEN WAVERMAN, University of Toronto

10:30 am
Chalfont Hotel—Zodiac A & B, Session No. 23
ES

#### **Econometric Demand Analyses**

Chairperson: RAY FAIR, Yale University

A Regional Analysis of the Demand for Gasoline Using a Random Coefficient Regression Approach—JOHN KRAFT and MARK RODEKOHR, Federal Energy Administration

Forecasting Household Demands for Energy-Using Durables Using Micro Cross Section Data—JAMES BOYD and ANTHONY LAWRENCE, Electric Power Inst., Palo Alto

Forms of Competition in the Steel Industry—JAMES JONDROW, DAVID CHASE, and CHRISTOPHER GAMBLE, Center for Naval Analysis

Demand for Steel Products in Japan: A Suboptimization Approach—HIROKI TSURUMI, Rutgers University

Discussion: G. S. MADALLA, University of Florida, Gainesville

10:30 am Sheraton-Seaside—Ruby Room, Session No. 51 IRRA

Work Attitudes and Job Design: A Case Study of SAAB-SCANDIA (Workshop)

Chairperson: ARTHUR WEINBERG, New York University

FRANK BOSSMAN, Director of Personnel, General Motors, MARTIN GERBER, Regional Director, UAW

10:30 am
Sheraton-Seaside—Pennsylvania Rooms A & B, Session No. 50 IRRA

## The Solvency of Social Security

**Chairperson:** JOHN J. CARROLL, Social Security Administration, Washington, D.C.

The Future of Social Security—ROBERT J. LAMPMAN, University of Wisconsin

Benefit Structure, Financing Alternatives, and Insolvency—Y. P. CHEN, UCLA

Political Feasibility of Social Security Reform—PETER HENLE, Library of Congress

Discussion: ALICIA MUNNELL, Federal Reserve Bank of Boston

12:00 noon Chalfont Hotel—Roberts Room AFEE

**Association for Evolutionary Economics-Veblen-Commons Award Luncheon**—Admission Only by Advance Reservation with
Secretary-Treasurer. AFEE

12:00 noon Sheraton-Seaside—Gold Room IRRA

**Industrial Relations Centers Directors' Luncheon** 

Chairperson: ROBERT B. McKERSIE, Cornell University

12:30 pm Haddon Hall—Pennsylvania Room 2 AEA, AFA

#### **AEA, AFA Joint Luncheon**

Chairperson: ALEXANDER ROBICHEK, Stanford University

Speaker: PAUL VOLKER, Federal Reserve Bank, New York

12:30 pm Haddon Hall Hotel—Room A ES

ES Luncheon for North American Standing Committee and North American Members of the Council—Invitation Only

12:30 pm Sheraton-Seaside—Ruby Room IRRA

**IRRA Local Chapter Officers Luncheon** 

Chairperson: R. U. MILLER, University of Wisconsin

2:00 pm Haddon Hall Hotel—Rutland Room, Session No. 3 AEA

## **Economic Problems Confronting Higher Education**

Chairperson: ROBERT H. STROTZ, Northwestern University

The Fundings of Public Higher Education and the Redistribution of Income—
WALTER ADAMS, Michigan State University

The Benefits and Burdens of Federal Involvement in Higher Education—EARL CHEIT, University of California, Berkeley

Economic Problems Confronting Higher Eucation: An Institutional Approach—WILLIAM BOWEN, Princeton University

**Discussion:** FRANK NEWMAN, University of Rhode Island, STEPHEN DRESCH, Institute for Demographic and Economic Studies, Inc., H. EDWIN YOUNG, University of Wisconsin, Madison

2:00 pm Haddon Hall Hotel—Garden Room, Session No. 2 AEA

#### **International Aspects of Inflation**

Chairperson: BERT G. HICKMAN, Stanford University

An International Comparison of Inflation Patterns—KARL BRUNNER, University of Rochester and ALAN H. MELTZER, Carnegie-Mellon University

The Adjustment of Domestic Prices to Foreign Price Changes—IRVING B. KRAVIS, University of Pennsylvania and National Bureau of Economic Research and ROBERT E. LIPSEY, Queens College and National Bureau of Economic Research

A "Monetarist" Analysis of the Generation and Transmission of World Inflation in the 1960's and 1970's—J. M. PARKIN, University of Western Ontario

**Discussion:** KEITH JOHNSON, Columbia University, RONALD McKINNON, Stanford University, ROBERT J. GORDON, Northwestern University

2:00 pm Shelburne Hotel—Diamond Jim Brady Room, Session No. 30 AEA

#### Distribution of Income and Wealth

Chairperson: IRMA ADELMAN, University of Maryland

International Comparisons of Inequality—GRAHAM PYATT, IBRD and University of Warwick

Entrepreneurship, Social Mobility, and Income Redistribution: The South Indian Case in Comparative Perspective—E. WAYNE NAFZIGER, Kansas State University

The Supply of Skills and the Earnings Distribution—CHRISTOPHER CLAGUE, University of Maryland

**Discussion:** CARMEL ULLMAN CHISWICK, IBRD, SHERMAN ROBINSON, Princeton University

2:00 pm Haddon Hall Hotel—Tower Room, Session No. 9 AFA

Energy and Resources (Contributed Paper Session)

**Chairperson:** ROBERT S. PINDYCK, Massachusetts Institute of Technology

Public Policies Toward the Use of Scrap Materials—ROBERT C. ANDERSON, Environmental Law Institute

Energy Policy and the Economy: An Empirical Analysis—A. BRADLEY ASKIN, RICHARD L. FARMAN, GERARD L. LAGACE and ARTHUR J. MALLOY, Federal Energy Administration

The Value of an Exhaustible Natural Resource: Some Simple Cases—DONALD A. HANSON, Ohio State University

OPEC: Monopoly Control or Countervailing Power—EDWARD JOHN RAY, Ohio State University

Demand Cost, and Prices in Oligopoly: Theory, Simulation, and Oil as an Example—JULIAN L. SIMON and JOSEPH BEN-UR, University of Illinois at Urbana-Champaign

Discussion: DALE JORGENSON, Harvard University

2:00 pm Haddon Hall Hotel—West Room, Session No. 36 AEA, AAEA

### Research on the Economics of Household Consumption Behavior

Chairperson: RUEBEN BUSE, University of Wisconsin, Madison

Cross Section Applications of Linear Expenditure Systems: Responsiveness to Social Demographic Effects—HOWARD HOWE, Board of Governors of the Federal Reserve System

Current Consumer Expenditure Surveys: An Overview—EVA JACOBS and STEPHEN BAER, Bureau of Labor Statistics

Household Consumption Behavior: Understanding, Measurement and Application in Policy-Oriented Research—ALDEN MANCHESTER, Economic Research Service, USDA

**Discussion:** GUY ORCUTT, Yale University, RON SCHRIMPER, North Carolina State

2:00-4:30 pm Haddon Hall Hotel—Viking Theatre, Session No. 8 AEA, ES

#### **Welfare Economics**

Chairperson: LEONID HURWICZ, University of Minnesota

Marginalism, Socialist and Anti-Socialist—ABBA P. LERNER, Queens College

Extended Sympathy in Social Choice—KENNETH J. ARROW, Harvard University

Information, Incentive, and Performance in the (New)<sup>2</sup> Welfare Economics—STANLEY REITER, Northwestern University

**Discussion:** ABRAM BERGSON, Harvard University, THOMAS MARSCHAK, University of California, Berkeley, JERRY KELLY, Syracuse University

2:00 pm Haddon Hall Hotel—Vernon Room, Session No. 1 AFA

## Corporate Finance and the Capital Asset Pricing Model

Chairperson: MICHAEL BRENNAN, University of British Columbia

Corporate Financial Management and the Capital Asset Pricing Model: Some Simulation Results—R. C. STAPLETON and M. G. SUBRAHMANYAM. New York University

Capital Budgeting and the CAPM: Good News and Bad News—STEWART MYERS, Massachusetts Institute of Technology and S. MCL. TURNBULL, Boston University

**Discussion:** R. HAMADA, University of Chicago, ROBERT LITZENBERGER, Stanford University

2:00 pm Chalfont Hotel—Music Room, Session No. 22 AFA

#### **Money and Capital Markets**

Chairperson: GEORGE BENSTON, University of Rochester

Factors Affecting Growth of Bank Credit Card and Check Credit—RICHARD L. PETERSON, Board of Governors of the Federal Reserve System

The Efficiency and Profitability of Minority Controlled Savings and Loan Associations—WILLIAM D. BRADFORD, Stanford University, ALFRED E. OSBORNE, JR., University of California, Los Angeles and LEWIS J. SPELLMAN, University of California, Berkeley

Increasing the Share of Business Fixed Investment in GNP—GEORGE M. VON FURSTENBERG, American Enterprise Institute, and BURTON G. MALKIEL, Council of Economic Advisers

Discussion: RICHARD ASPINWALL, Chase Manhattan Bank

2:00-3:30 pm Haddon Hall Hotel—Pavilion, Session No. 12 AREUEA

#### **Land Use Policy and Controls**

Chairperson: JOHN C. WEICHER, U.S. Department of Housing and Urban Development

Some Legal and Economic Considerations in Exclusionary Control—WERNER Z. HIRSCH, University of Calfornia at Los Angeles

An Exploration of the Determinants of Land Use Zoning—COLIN WRIGHT, Claremont Graduate School and GERALD McDOUGALL, Wichita State University

Institutional Constraints Affecting Urban Development—CHARLES H. WURTZEBACH, University of Texas, Austin and MIKE MILES, University of North Carolina, Chapel Hill

**Discussion:** CHARLES W. UPTON, University of Chicago, RICHARD E. WAGNER, Virginia Polytechnic Institute and State University and PAUL K. GATONS, U.S. Department of Housing and Urban Development

2:00 pm Sheraton-Seaside—Ruby Room, Session No. 51 IRRA

#### California Farm Labor Conflict

Chairperson: RAY MARSHALL, University of Texas

Success of the CALRA in Dealing with the Farm Labor Problem—RON TAYLOR, Fresno Bee

California Agricultural Labor Relations Act: Meeting Peculiar Requirements—JOHN MAMER, UCLA, Los Angeles

The Impact of Coercive Persuasion on Unit Formation and Collective Bargaining—MICHAEL COSMOS GIALLOURAKIS, University of Wisconsin

**Discussion:** LAMAR B. JONES, Louisiana State University, JACK LLOYD, Coastal Growers, California

#### 2:00 pm

Sheraton-Seaside—Pennsylvania Rooms A & B, Session No. 50 IRRA

#### Collective Bargaining in the Public Sector (Workshop)

Chairperson: DAVID KANES, Director, Pennsylvania Bureau of Mediation

JEFFREY B. TENER, Director, New Jersey Public Employee Relations Commission

JACK MERKEL, Executive Director, American Federation of State, County, Municipal Employees, Central New Jersey

HAROLD NEWMAN, New York State Public Employment Relations Board

#### 2:00 pm

Chalfont Hotel—St. Giles Room, Session No. 25 NAESA

#### **Economic Development of Mexico**

Chairperson: JACQUELINE L. HODGSON, Universidad de las Americas

The Outlook for the Development of Capital Goods Industries in Mexico—MARIO VILLAR, Borja Nacional Financiera, SA

The Stagnant Pool in the Mexican Growth Economy—EZEQUIEL TEYSSIER, Universidad de las Americas

New Trends in the Mexican Stock Exchange—DEMITRIO BOLANOS GUILLEN, Bolsa De Vlaores (Mexican Stock Exchange)

**Discussion:** WILLIAM GLADE, University of Texas, Austin, ROBERT AUBREY, University of Texas, San Antonio, WENDELL GORDON, University of Texas, Austin

2:00 pm Shelburne Hotel—East Room, Session No. 33 PCS

### **Equilibrium in Majority Rule Processes**

Chairperson: MELVIN HINICH, Virginia Polytechnic Institute and State University

A Simple Directional Model of Spatial Competition—STEVEN A. MATTHEWS, California Institute of Technology

Voting Market Equilibriums—ROBERT PARKS, Washington University, St. Louis

Equilibrium When Candidates Maximize the Probability of Winning—DONALD WITTMAN, University of California, Santa Cruz

**Discussion:** DONALD BROWN, Yale University, STEVEN SLUTSKY, Cornell University, ROBERT FORSYTHE, California Institute of Technology

2:00 pm Chalfont Hotel—Vaux Hall Room, Session No. 26 SGE

## Managing National Forests: How Much Timber Should be Harvested?

Chairperson: H. FRED KAISER, Forest Service, U.S.D.A.

How Much Timber Can be Supplied?—ROBERT C. VAN AKEN and DENNIS L. SCHWEITZER, Forest Service, U.S.D.A., Washington, D.C.

Economic Optimization of the Timber Resource—JOHN L. WALKER, Simpson Timber Company, Seattle, Washington

Managing Land for its Long-Run Capability—WILLIAM F. HYDE, Resources for the Future, Washington, D.C.

Economics of Public Participation on Timber Management—STEPHEN O. ANDERSON, Sierra Club Research, San Francisco

2:00 pm Shelburne Hotel—Mirror Room, Session No. 32 URPE

Analyses of Post-World War II America

Chairperson: To be announced

The Vietnam War and U.S. Economic Policy 1964-1968: The Tie That

Bound—THOMAS RIDDELL, Bucknell University

The Political Economy of the Steel Industry in Post World War II America—EDWARD GREER, Princeton University

Discussion: To be announced

2:00 pm Chalfont Hotel—Marine Room, Session No. 27 URPE

#### **Surplus and Surplus Value**

Chairperson: To be announced

Classical Theories of the Allocation of Surplus Output vs. Neoclassical Theories of the Allocation of Given Resources—VIVIAN WALSH, University of Waterloo, Ontario, Canada and HARVEY N. GRAHAM, Queens College, City University of New York

Unproductive Labor and the Absorption of Surplus in the U.S.—EDWARD WOLFF, New York University

Discussion: To be announced

2:30 pm Chalfont Hotel—Blue Room, Session No. 21 AFEE

#### Market Power and Income Distribution

Chairperson: WILLARD F. MUELLER, University of Wisconsin, Madison

Does Nationalization Hold Any Promise for the American Economy?—DAVID D. MARTIN, Indiana University, Bloomington

Extending the Wage Bargain to the Social Contract: The Total Labor Package—SOLOMON BARKIN, University of Massachusetts, Amherst

Inflation and Inequality—SYLVIA HEWLETT, Barnard College

**Discussion:** WILLIAM J. FRAZER, JR., University of Florida, Gainesville, MARK A. LUTZ, University of Maine, Orono

2:30 pm Chalfont Hotel—Parlor A, Session No. 24 ES

**Optimal Pricing: Electricity and Noncompetitive Markets** 

Chairperson: JACK HIRSHLEIFER, UCLA

Optimal Nonlinear Pricing Structures: An Application to Energy Pricing—ROBERT A. MEYER, JR., University of California, Berkeley

Second-Best Pricing with Stochastic Demand—ROGER SHERMAN, University of Virginia, Charlottesville and MICHAEL VISSCHER, Carnegie-Mellon

Capacity Constrained Peak Load Pricing and Multi-Equipment Investment Decisions with Interperiod Time-Varying Demand—ROBERT E. DANSBY, Bell Laboratories

Planning the Production of Electrical Energy—NOEL D. URI, Federal Energy Administration

**Discussion:** BRIDGER MITCHELL, The Rand Corporation, JOHN PANZAR, Bell Laboratories, Holmdel

2:30 pm Shelburne Hotel—West Room, Session No. 34 ES

### **Empirical Trade**

Chairperson: STEPHEN MAGEE, University of Texas, Austin

Differential Distributed Lags on Price and Exchange Rate Changes in the Foreign Trade of Selected Industrial Countries—JOHN F. WILSON and WENDY TAKACS, Board of Governors of the Federal Reserve System

Domestic Demand Pressure and Export Performance—An Empirical Study of the Israeli Industrial Export—BEN-ZION ZILBERFARB, University of Pennsylvania

Interrelated Products and the Elasticity of Export Supply in Developing Countries—ROMEO M. BAUTISTA, University of the Philippines

International Difference in Consumption Patterns and the Implications for Purchasing Power Parity—YASUSHI TODA, University of Florida

The Impact of the Steel Import Quota—JAMES M. JONDROW, Public Research Institute, Center for Naval Analysis

**Discussion:** DONALD KEESING, World Bank, RACHEL McCULLOCH, Harvard University

2:30 pm Haddon Hall Hotel—Derbyshire Room, Session No. 4 ES

#### Discrimination

Chairperson: BERNARD ANDERSON, The Wharton School

Discrimination, Segmentation, and Upward Mobility: A Longitudinal Approach to the Dual Labor Market Theory—PAUL J. ANDRISANI, Temple University

The Contribution of Occupational Segregation to Female-Male Wage Differentials—RANDY BROWN, University of Wisconsin, Madison; MARILYN MOON, University of Wisconsin, Milwaukee and BARBARA ZOLOTH, University of California, Davis

Black Men's Relative Earnings in Major SMSA's: 1957-1972—ALAN GINSBURG, Department of Health, Education and Welfare and WAYNE VROMAN, University of Maryland

Market Power, Discretionary Authority, and Employment Discrimination—WALTER HAESSEL and JOHN PALMER, University of Western Ontario

Did American Manufacturers Discriminate Against Immigrants Before 1914?—PAUL F. McGOULDRICK and MICHAEL B. TANNEN, SUNY, Binghamton

**Discussion:** JANICE MADDEN, University of Pennsylvania, BENNETT HARRISON, Massachusetts Institute of Technology

2:30 pm Chalfont Hotel—Zodiac A, Session No. 23 ES

### **Optimal Growth Theory**

Chairperson: DAVID CASS, University of Pennsylvania

Characterizing Optimal Policies in a One Sector Model of Economic Growth Under Uncertainty—L. J. MIRMAN, University of Illinois and I. ZILCHA. Hebrew University and University of Illinois

Models of Economic Growth with Borrowing—L. MacLEAN, C. A. FIELD and W. R. S. SUTHERLAND, Dalhousie University

On the Stability of Capital Stock Structure of a Competitive Firm—S. DAS GUPTA, University of Rochester

The Transversality Condition in Discrete Time Optimum Control: A Proof—W. D. DECHERT, Cornell University

**Discussion:** LAWRENCE BENVENISTE, University of Rochester, MICHAEL MAGILL, Indiana University

2:30 pm Haddon Hall Hotel—Navajo Room, Session No. 11 ES

#### **International Monetary Economics**

Chairperson: RUDIGER DORNBUSCH, Massachusetts Institute of Technology

A Model of Exchange Rate Determination Under Currency Substitution and Rational Expectations—G. CALVO and C. RODRIGUEZ, Colombia University

Theory and Implications of Currency Substitution—L. GIRTON, Board of Governors of the Federal Reserve System and D. ROPER, Utah

Market Anticipations, Government Policy, and the Price of Gold—DALE HENDERSON and S. SALANT, Board of Governors of the Federal Reserve System

Money, Output, and Unemployment in an Open Economy—N. SAIDI, University of Rochester

**Discussion:** JOHN BILSON, Northwestern University, PAUL KRUGMAN, Massachusetts Institute of Technology

2:30 pm Haddon Hall Hotel—Mandarin Room, Session No. 10 ES, SGE

Government Policy Making and U.S. Multiregional Models

Chairperson: MARTIN STEIN, Maryland Department of Transportation

Multi-Industry Multiregional Forecasting Model—CURTIS C. HARRIS, University of Maryland

The Multiregional Input-Output Model—KAREN POLENSKE, Massachusetts Institute of Technology

**Discussion:** BARBARA FEINN, State of South Carolina, Division of Research, Columbia, S.C., PHILIP VERLEGER, U.S. Council of Economic Advisors

3:00 pm Sheraton-Seaside—Ocean Lounge IRRA

**IRRA Nominating Committee Meeting** 

Chairperson: MARTIN WAGNER, University of Illinois

4:00 pm Haddon Hall Hotel—Pennsylvania Room 1 & 2 AEA

Special Session: Economic Issues of the Campaign '76

4:30-7:00 pm Haddon Hall Hotel—Library AREUEA

**AREUEA Directors Meeting** 

**Chairperson:** ROBERT M. FISHER, President of AREUEA, Federal Reserve Board

4:30 pm
Holiday Inn—Ballroom C
Columbia University Department of Economics, Columbia University
Department of Economics Cocktail Party—(Invitation Only)

4:30 pm Haddon Hall Hotel—Derbyshire Room, Session No. 4 NTA/TIA

#### Public Revenues and the Finance of Education

Chairperson: MARGERY SOMERS FOSTER, Rutgers University

Legal Implications of Robinson vs. Cahill for State Educational Finance—PAUL TRACTENBERG, Rutgers University, The Education Law Center

Dollars and Sense in Resources for Public Education—HERBERT STARKEY, New Jersey State Department of Education

What Can Cities Do?—RICHARD ROPER, Legislative Aide to the Mayor of Newark, N.J.

4:30 pm Haddon Hall Hotel—Mandarin Room, Session No. 10 SGE

## **How Much Does Money Matter in Economic Development?**

Chairperson: HARLEY HINRICHS, Howard University

MAXWELL FRY, University of Hawaii, FUATE ANDIC, University of Puerto Rico, CLARK REYNOLDS, Stanford University, DAVID GILL, World Bank

**Discussion:** IRMA ADELMAN, University of Maryland, RANSFORD PALMER, Howard University

4:30 pm Haddon Hall Hotel—Pavilion Room, Session No. 12 URPE

#### Views of the State and Public Policy

Chairperson: To be announced

Interstate Variations of Worker's Compensation Benefits: A Test of Some Theories of the State—JACK FRISCH, Princeton University

Economic Crisis and State Response in Britain: Changing Nature of the Modern Capitalist State—JAMES CYPHER, California State University, Fresno

Discussion: To be announced

4:30 pm Haddon Hall Hotel—Navajo Room, Session No. 11 URPE

#### The State and the Family

Chairperson: No Chairman

The State in Relation to Family and Children, NORTON GRUBB, University of California. Berkeley

Discussion: To be announced

5:00-7:00 pm Holiday Inn—Ventnor A American Economic Review, Board of Editors

**Dinner Meeting, Board of Editors, American Economic Review** (Invitation Only)

5:00 pm
Holiday Inn—Ballroom B
Massachusetts Institute of Technology—Economics Dept.

#### Cocktails

5:00-7:30 pm Chalfont Hotel—Roberts Room Department of Economics, Northwestern University, Cocktail Party—Cash Bar

5:30 pm Haddon Hall Hotel—Bakewell Room lowa State University

Cocktail Hour for Friends and Alumni of Iowa State University—Cash Bar

5:30 pm
Holiday Inn—Margate A & B
University of Tennessee, Department of Economics

Cocktails

6:00 pm Haddon Hall Hotel—Room 314 ACES

**Executive Board Meeting—Invitation Only** 

6:00 pm Sheraton-Seaside—Ruby Room A IRRA

IRRA Executive Board Dinner—Invitation Only

8:00 pm Haddon Hall Hotel—Pennsylvania Room AEA

Richard T. Ely Lecture

Chairperson: RICHARD A. EASTERLIN, University of Pennsylvania

Two Centuries of Economic Growth—Reflections on the U.S. Experience—SIMON KUZNETS, Harvard University

8:00 pm AFA

**AFA Board of Directors Meeting** 

8:00-9:30 pm Haddon Hall Hotel—Derbyshire Room, Session No. 4 ASE

Distribution and the Quality of Life

Chairperson: BENJAMIN A. MICHALIK, St. Peter's College

Variations in Social Quality of Life in Small Metropolitan Areas—BEN-CHIEH LIU, Midwest Research Institute

Structural Changes in the Labor Market—GLADYS W. GRUENBERG and YERACHMIAL KUGEL, St. Louis University

**Discussion:** FRANK D. TINARI, Seton Hall University, JAMES C. NICHOLAS, Florida Atlantic University

9:30-11:00 pm Haddon Hall Hotel—Navajo Room ASE

**Coffee Hour** 

Chairperson: WARREN J. BILKEY, University of Wisconsin, Madison

7:30-10:30 am Haddon Hall Hotel—Mandarin Room ASSA

**ASSA Secretaries Breakfast—Invitation Only** 

7:30 am
Sheraton-Seaside—Ruby Room A
Cornell University (IRRA)

Cornell University, ILR School Alumni Breakfast

Chairperson: ROBERT B. McKERSIE

7:30 am Holiday Inn—Margate A EEA

Eastern Economic Association Executive Board Breakfast Meeting—Invitation Only

7:30 am Haddon Hall Hotel—Room 134 ODE

ODE Board of Trustees' Breakfast—Invitation Only Chairperson: ERVIN K. ZINGLER

7:30 am Holiday Inn—Ventnor A PIE-C/F

Public Interest Economics Center and Foundation Breakfast: Board of Economic Advisers of PIE-C/F—Invitation Only

8:30-11:00 am Haddon Hall Hotel Library AAEE

**Advisory Committee Meeting** 

Chairperson: JOHN CUMBERLAND, University of Maryland

8:30 am

Haddon Hall Hotel—Viking Theatre, Session No. 8
AEA (Committee on the Status of Women in the Economics Profession)

#### The Economics of the Two-Earner Family

Chairperson: ISABEL SAWHILL, The Urban Institute

The Equity of Social Security Benefits—JUNE O'NEILL, Council of Economic Advisors

Wives' Labor Force Behavior and Family Consumption Patterns—MYRA STROBER, Stanford University

The Impact of Taxes on the Work Decision of the Two-Earner Family—JANE H. LEUTHOLD, University of Illinois

**Discussion:** SHIRLEY JOHNSON, Vassar College, CAROLYN SHAW BELL, Wellesley College, BENJAMIN OKNER, Congressional Budget Office

8:30 am Haddon Hall Hotel—Tower Room, Session No. 9 AEA

Income Distribution (Contributed Paper Session)

Chairperson: MANORANJAN DUTTA, Rutgers University

The Effect on Americanization of Earnings—BARRY CHISWICK, Council of Economic Advisers

Perceptions of Distributional Equity: Their Economic Bases and Consequences—RICHARD T. CURTIN, University of Michigan

Microsimulation of Income and Wealth Distributions—STEPHEN FRANKLIN, Urban Institute

Annual Comprehensive Income Inequality in the United States 1968 and 1972—TIMOTHY SMEEDING, University of Utah

Earnings Increases, 1969-74—EDWARD STEINBERG, U.S. Department of Commerce

**Discussion: MARTIN BRONFENBRENNER, Duke University** 

8:30 am Haddon Hall Hotel—Vernon Room, Session No. 1 AEA

#### **Recent Controversies in Monetary Theory**

Chairperson: LEONALL ANDERSEN, Federal Reserve Bank of St. Louis

Microfoundations of Monetary Theory—ROBERT CLOWER, University of California, Los Angeles

Price Expectations and Stability in a Short Run Macroeconomic Model with Money and Other Assets—EDWIN BURMEISTER, University of Virginia and STEPHEN J. TURNOVSKY, Australian National University

Irving Fisher and Autoregressive Expectations—JOHN RUTLEDGE, Claremont Men's College

**Discussion:** KARL BRUNNER, University of Rochester, NEIL WALLACE, University of Minnesota, DUDLEY JOHNSON, First National City Bank of New York

8:30 am
Haddon Hall Hotel—Rutland Room, Session No. 3
AEA

American Economic Growth: Imported or Indigenous? (Companion Session to Richard T. Ely Lecture)

Chairperson: RICHARD A. EASTERLIN, University of Pennsylvania

Human Capital in the First Eighty Years of the Republic: How Much Did America Owe the Rest of the World?—ROBERT E. GALLMAN, University of North Carolina, Chapel Hill

What Difference Did the Beginning Make?—J. R. T. HUGHES, Northwestern University

American Technology: Imported of Indigenous?—NATHAN ROSENBERG, Stanford University

**Discussion:** MOSES ABRAMOVITZ, Stanford University, STANLEY LEBERGOTT, Wesleyan University, HENRY ROSOVSKY, Harvard University

8:30 am Haddon Hall Hotel—Garden Room, Session No. 2 AEA, PCS

### **Applications of the Demand-Revealing Process**

**Chairperson:** GORDON TULLOCK, Virginia Polytechnic Institute and State University

On the Possibility of Efficient Social Choice with Compensation—THEODORE GROVES, Northwestern University

Demand Revelation: Subsidies and Lump-Sum Payments—WILLIAM A. VICKREY, Columbia University

Dynamically Efficient Institutions for Pollution Control—PAUL B. BROWNING and T. NICOLAUS TIDEMAN, Virginia Polytechnic Institute and State University

**Discussion:** KENNETH J. ARROW, Harvard University, EDWARD H. CLARKE, Office of Management and Budget, ROBERT DORFMAN, Harvard University

8:30 am
Chalfont Hotel—Music Room, Session No. 22
AFA

Investments: Theoretical Issues

Chairperson: RICHARD BREALEY, London Business School

Information Assymetry, Investment and Financial Structure—HAYNE LELAND, University of California, Berkeley

Agency Theory and Debt Issues—SANFORD J. GROSSMAN, Stanford University

The Determination of Mortgage Value—ANTHONY CURLEY, Pennsylvania State University and JACK M. GUTTENTAG, University of Pennsylvania

Discussion: STEPHEN ROSS, University of Pennsylvania

8:30 am Shelburne Hotel—Coral Reef Room, Session No. 31 AFA

#### **Factors Affecting the Availability of Consumer Credit**

Chairperson: ROBERT W. JOHNSON, Purdue University

Risk on Consumer Cash Loans—GEORGE BENSTON, University of Rochester

The Equal Credit Opportunity Act: A Cost/Benefit Analysis—JAMES F. SMITH, Board of Governors of the Federal Reserve System

Discussion: ROBERT P. SHAY, Columbia University, DORIS HULL, Ketron

8:30 am Haddon Hall Hotel—Pavilion Room, Session No. 12 AFEE

#### **Public Policy and Public Bankruptcy**

Chairperson: CHARLES WILBUR, University of Notre Dame

The Need for a Theory of the State—ROBERT SOLO, Michigan State University

Suburban Non-Growth Policies—PAUL B. DOWNING, Virginia Polytechnic Institute and State University

Decentralization or Concentration of Power: The Paradox of Revenue Sharing—MARK HASKELL, University of Delaware

**Discussion:** GLEN W. ATKINSON, University of Nevada, JAMES M. SUAREZ, Hunter College, CUNY, WILLIAM M. HILDRED, Denver Research Institute

8:30-10:15 am Haddon Hall Hotel—Bakewell Room, Session No. 5 ASE

#### **Ethics in Economics**

Chairperson: WALTER H. KLEIN, Boston College

Can Ethical Expertise at Top Management Levels Be Institutionalized?—THEODORE V. PURCELL, S.J., Georgetown University

Economic Dimensions of Ethical Behavior—RICHARD B. McKENZIE, Appalachian State University

**Discussion:** KENDALL P. COCHRAN, North Texas State University, DANIEL K. FINN, University of Chicago

8:30 am
Chalfont Hotel—Parlors A & B, Session No. 24
ES

#### **Trade and Development Growth Models**

Chairperson: ROMEO M. BAUTISTA, University of Philippines

The Dynamics of Imperialism—KENNETH FLAMM, Massachusetts Institute of Technology

Trade Imbalance Persists: A Simple Proof—DILIP K. GHOSH, Ohio State University, Columbus

Technological Diffusion and Patterns of Trade—HENRY WAN, JR., Cornell University

Intertemporal Monopolistic Pricing of Natural Resources: A Game Theoretic Approach—L. D. PAPDEMOS, Columbia University and E. F. MAGEIROU, Harvard University

Discussion: LARRY WESTPHAL, World Bank

8:30 am Haddon Hall Hotel—Navajo Room, Session No. 11 ES

#### **Economic Theory II**

Chairperson: To be announced

A New Class of Symmetric Utility Rules for Gambles, and Subjective Marginal Probability Functions—J. R. MEGINNISS, Columbia University

The Relationship Between the Risk Aversion Properties of the Utility of Consumption and the Utility of Wealth Functions—J. F. O'CONNOR, University of Iowa

On Cardinal Utility—A. CAMACHO, University of Illinois at Chicago Circle

A Reinsurance Game With Government Regulation—S. NITZAN and D. FARKAS, Virginia Polytechnic Institute and State University

The LeChatelier Principle in a Spatial Model of Production—TAKAHIRO MIYAO, University of California, Santa Barbara

**Discussion:** ANDREW POSTELWAITE, University of Illinois, Urbana, LEONARD MIRMAN, University of Illinois, Urbana

8:30 am
Chalfont Hotel—Zodiac A, Session No. 23
ES

#### **Issues in Occupational Choice**

**Chairperson:** HARRY GILMAN, Dept. of Labor, Bureau of International Affairs

The Injury Risk Structure of Occupations and Wages—ALAN E. DILLINGHAM, Cornell University

Ability, Education, Earnings and Occupational Choice: A Multiple Indicator Approach—ABRAHAM E. HASPEL, SUNY at Buffalo and PAUL J. TAUBMAN, University of Pennsylvania

The Effect of Technological Change on Occupational Choice by Sex—SHARON G. LEVIN, University of Missouri, St. Louis and PAULA STEPHEN, Georgia State University

Adaptive Models of Job Choice—W. KIP VISCUSI, Northwestern University

Professional Work-Leisure Decisions Under Alternative Remuneration Methods: Changing the Shape of Edgeworth Boxes—ROBERT S. WOODWARD, University of Western Ontario

**Discussion:** DAVE O'NEILL, Public Research Institute, Washington, D.C., SOLOMON POLACHEK, University of North Carolina

8:30 am Shelburne Hotel—Diamond Jim Brady Room, Session No. 30 ES

#### **Macroeconomic Theory I**

Chairperson: EDWIN BURMEISTER, University of Charlottesville

Capital Stock Demand Functions in General Equilibrium—BRUCE C. DIEFFENBACH, University of Pennsylvania

Stabilization Policy with an Inflation Adjustment Mechanism—NORMAN P. OBST, Michigan State University

A Minimax Policy for Macroeconomic Planning—GEORGE LEITMANN, University of California, Berkeley and HENRY WAN, JR., Cornell University

**Discussion:** GEORGE R. MORRISON, Rutgers University, STEPHEN F. LEROY, Board of Governors of the Federal Reserve System

8:30 am
Chalfont Hotel—Roberts Room, Session No. 20
ES

**Econometric Studies**—Contributed Papers

Chairperson: MARTIN J. BAILEY, University of Maryland

On the Importance of Technical Change—CHARLES R. HULTEN, The Johns Hopkins University

Non-Jointness and the Specification of the U.S. Technology—ULRICH J. R. KOHLI, Bank of Canada

A Comparison of Alternative Consumption Expenditure Systems for a U.S. Macroeconomic Model—WILLIAM E. CONRAD, Federal Reserve Board and Gorti V. L. NARASIMHAM, U.S. Department of Commerce

Total Import and Gross Output Demands in the Context of a Multisector General Equilibrium Model—RICHARD BERNER, Board of Governors of the Federal Reserve System

A Rational Model of Hyperinflation, Exchange Depreciation, and the Terms of Trade—MICHAEL K. SALEMI, University of North Carolina, Chapel Hill

**Discussion:** WILLIAM GREENE, Cornell University, ROBERT J. SHILLER, University of Pennsylvania

8:30 am
Chalfont Hotel—St. Giles Room, Session No. 25
ES

Models of Noncompetitive Market Structure and Dynamic Industry Behavior

Chairperson: TOM MUENCH, SUNY at Stony Brook

Dynamic Bargaining Models for Multi-Part Cartels—E. HNYILICZA and R. S. PINDYCK, Massachusetts Institute of Technology

Collusion in Durable Goods Oligopoly: Apparent or Real?—MICHAEL C. BURSTEIN, Northwestern University

A Dynamic Dominant Firm Model of Industry Structure—FINN KYDLAND, Norwegian School of Economics, Bergen and Visitor, University of Minnesota

The Theory of a Monopolistic Divisionalized Firm Under Uncertainty—ANDREW H. CHEN, Ohio State

**Discussion:** ED ZABEL, University of Rochester, MICHAEL HOEL, University of Oslo and Visitor, M. I. T.

8:30 am Shelburne Hotel—Solarium, Session No. 35 HERO

#### **Economic Aspects of Children's Health**

Chairperson: ROBERT P. INMAN, University of Pennsylvania

The Determinants of Child Health and Development—LINDA NASIF EDWARDS, Queens College and Graduate School of CUNY and National Bureau of Economic Research and MICHAEL GROSSMAN, Graduate School of CUNY and National Bureau of Economic Research

Rational Inequality in Early Health Investment—BERNARD FRIEDMAN, Northwestern University

Experience and the Demand for Healthy Infants—EUGENE M. LEWIT, Mount Sinai School of Medicine of the City University of New York

**Discussion:** FRED GOLDMAN, Columbia University School of Public Health and National Bureau of Economic Research, ARLEEN LEIBOWITZ, University of Miami, ANNE D. WILLIAMS, University of Pennsylvania

8:30 am

Sheraton-Seaside—Pennsylvania Rooms A & B, Session No. 50 IRRA

**Contributed Papers:** General

Chairperson: RAY MARSHALL, University of Texas

Collective Bargaining Coverage and Earnings Differences Among Young and Middle-Aged Men: Some Evidence from the National Longitudinal Surveys—PAUL J. ANDRISANI, Temple University and ANDREW I. KOHEN, Ohio State University

Multiemployer Bargaining Among Local Governments—PETER FEUILLE, SUNY, Buffalo, HERVEY A. JURIS, Northwestern University, RALPH T. JONES, Harvard University and MICHAEL J. JEDEL, Georgia State University

A Manpower Planning Model to Link and Penetrate Key Components of a Local Labor Market—JOHN IACOBELLI, Wright State, Dayton

Class and Race Discrimination: Estimates Based Upon a Sample of Young Men—G. DONALD JUD, University of North Carolina, Greensboro, JAMES L. WALKER, University of North Carolina, Greensboro

Discussion: ROBERT W. GLOVER, University of Texas, Austin

8:30 am Sheraton-Seaside—Ruby Room, Session No. 51 IRRA

#### Canadian Nationalism and U.S. Unions

Chairperson: GRAEME H. McKECHNIE, York University

Labours' Manifesto for Canada: A New Independence?—RONALD LANG, Director of Legislative Department, Canadian Labour Congress

Partisanship or Participation: Canadian Unions and Political Action—DESMOND MORTON, Erindale College, University of Toronto

The Politicization of Canadian Labor Unions in Canada: An Inevitable Phenomenon—JEAN BOIVIN, Université Laval

**Discussion:** ROY ADAMS, McMaster University, BRIAN WILLIAMS, The University of Alberta

8:30 am
Chalfont Hotel—Blue Room, Session No. 21
JCEE

#### **Economic Education**

Chairperson: JEFF R. CLARK, Joint Council on Economic Education

Is Teaching the Best Way to Learn? An Evaluation of Benefits and Costs to Undergraduate Student Proctors in Elementary Economics—JOHN J. SIEGFRIED, Vanderbilt University

Surmounting Obstacles to Economic Literacy: A Delphi-Like Inquiry—ROBERT V. HORTON and DENNIS WEIDENAAR, Purdue University

**Discussion:** THOMAS TIETENBERG, Williams College, JOHN C. SOPER, Northern Illinois University

8:30 am
Haddon Hall Hotel—Derbyshire Room, Session No. 4
SGE

#### **Perspectives on the World Food Crisis**

Chairperson: BERNARD L. WEINSTEIN, University of Texas, Dallas

Perceptions of Global Hunger—HOWARD COTTAM, American University

The Conflicts Between Domestic Farm Programs and Foreign Economic Development Objectives—DAVID R. HARMON, Hudson Institute

A New U.S. Farm Policy for Changing World Food Needs—JOHN A. SCHNITTKER, Schnittker Associates

Discussion: JAMES B. ROBINSON, U.S. Department of Labor

8:30 am
Chalfont Hotel—Vaux Hall Room, Session No. 26
URPE

Life, Liberty and the Pursuit of Happiness in the Corporate State

Chairperson: PETER MEYER, Pennsylvania State University

To be announced

Discussion: To be announced

9:00 am-5:00 pm Haddon Hall Hotel—Room 1332 Committee on the Status of Women in the Economics Profession—Open Room

Chairperson: BARBARA REAGAN, Southern Methodist University

10:00 am Haddon Hall Hotel—West Room, Session No. 7 AAEA

Sources and Effects of Instability in U.S. Agriculture: Some Recent Experiences

Chairperson: JIMMYE S. HILLMAN, University of Arizona, Tucson

Sources of Commodity Market Instability in U.S. Agriculture—ROBERT S. FIRCH, University of Arizona

Instability in the Capital Markets of U.S. Agriculture—CHESTER B. BAKER, University of Illinois

Asset Values of U.S. Farmers in Unstable Commodity and Capital Markets—DAVID A. LINS, Economic Research Service, U.S.D.A. (University of Illinois)

**Discussion:** BRUCE L. GARDNER, Council of Economic Advisers and B. DELWORTH GARDNER, University of California, Berkeley

10:30 am Haddon Hall Hotel—Navajo Room, Session No. 11 AEA

Radical Economics (Contributed Paper Session)

Chairperson: BERNARD SAFFRAN, Swarthmore College

Toward a Marxian Theory of Economic Growth—DAVID LAIBMAN, Brooklyn College, CUNY

Econometric Methodology and the Radical Political Economics Literature—DALE J. POIRIER, University of Toronto

Worker Participation and Productivity: Another Look at the Evidence—BRETT A. SMITH, Knox College

Discussion: GEORGE R. FEIWEL, University of Tennessee

10:30 am Haddon Hall Hotel—Garden Room, Session No. 2 AEA

### **Applications of Microsimulation Methodology**

Chairperson: JODIE T. ALLEN, Mathematica, Inc.

Simulation Modeling of Schumpeterian Competition—RICHARD R. NELSON, Yale University and SIDNEY G. WINTER, University of Michigan

Macroeconomics Through Microsimulation: Simulating Humphrey – Hawkins—ROBERT L. BENNETT and BARBARA R. BERGMANN, University of Maryland

Contextual Causes of Death Explored with Microanalytic Simulations—GUY H. ORCUTT, Yale University and JAMES D. SMITH, Yale University and Urban Institute

Competition and Market Processes in a Simulation Model of Swedish Industry—GUNNAR ELIASSON, Federation of Swedish Industries

**Discussion:** SHERMAN ROBINSON, Princeton University, JAMES L. PIERCE, University of California, Berkeley, CHARLES C. HOLT, Urban Institute

10:30 am Haddon Hall Hotel—Vernon Room, Session No. 1 AEA

Capital Formation: Where, Why, and How Much?

Chairperson: ANDREW F. BRIMMER, Harvard University

Capital Shortage: Myth and Reality—ROBERT EISNER, Northwestern University

Does the United States Save Too Little?—MARTIN S. FELDSTEIN, Harvard University

Some Reflections on Capital Requirements for 1980—BEATRICE N. VACCARA. Bureau of Economic Analysis

**Discussion:** BARRY BOSWORTH, Brookings Institution, ROBERT LINDSAY, New York University, MURRAY L. WEIDENBAUM, Washington University, BURTON G. MALKIEL, Council of Economic Advisers

10:30 am Haddon Hall Hotel—Viking Theatre, Session No. 8 AEA, ACES

Market and Plan: Plan and Market

Chairperson: ABRAM BERGSON, Harvard University

The U.S. Case—RICHARD MUSGRAVE, Harvard University

The Soviet Case—AARON KATSENELINBOIGEN, University of Pennsylvania and HERBERT S. LEVINE, University of Pennsylvania and Stanord Research Institute

The Yugoslav Case—DEBORAH D. MILENKOVITCH, Barnard College

**Discussion:** GORDON TULLOCK, Virginia Polytechnic Institute and State University, PAUL SWEEZY, Monthly Review, GARY FROMM, National Bureau of Economic Research

10:30 am Haddon Hall Hotel—Rutland Room, Session No. 3 AEA. AREUEA

### Taxes and Government Expenditure Decisions Affecting Real Estate

Chairperson: JOHN KAIN, Harvard University

Federal Tax Policy and Land Conversion at the Urban Fringe—GEORGE PETERSON, The Urban Institute

Income Tax Subsidies of Home Ownership and Urban Density—FRANKLIN J. JAMES, The Urban Institute

Local Fiscal Equilibrium and Center-City Upper-Income Households: An Empirical Analysis—WADE RAGAS, University of New Orleans

**Discussion:** WILLIAM M. SHENKEL, The University of Georgia, WILLIAM C. APGAR, JR., National Bureau of Economic Research, ROBERT F. ENGLE, III, University of California at San Diego

10:30 am Haddon Hall Hotel—Rowsley Room, Session No. 6 AEA, ODE

### **Invited Student Papers**

Chairperson: LOUISE NELSON, Davidson College

Representation of Choice in Long-Term Planning—PETER MURRELL, University of Pennsylvania

The Effectiveness of Stabilization Policies in Open Economies Under Conditions of Inflation and Inflationary Expectations—BETTY DANIEL, University of North Carolina, Chapel Hill

Default Risk and the Theory of the Firm—RUSSELL P. BOISJOLY, Indiana University

**Discussion:** JIMMY WHEELER, Rutgers University, KRISTINE CHASE, University of Maryland

10:30 am

Haddon Hall Hotel—Tower Room, Session No. 9

AFA/TPUG

### **National Transportation and Energy Policy Plans**

Chairperson: JOHN L. HAZARD, Michigan State University

National Transportation Policy Plans—ARTHUR C. WEBSTER, III, Department of Transportation, Office of Transportation Planning

National Energy Policy Plans—ERIC R. ZAUSNER, Federal Energy Administration

**Discussion:** JOHN R. MEYER, Harvard University, CHARLES J. CICCHETTI, University of Wisconsin and Wisconsin Environment Office

10:30 am
Chalfont Hotel—Music Room, Session No. 22
AFA

### International Finance: Problems of Segmented Capital Markets

Chairperson: MICHAEL ADLER, Columbia University

The Role of the Multinational Firm in the Integration of Segmented Capital Markets—WAYNE Y. LEE and KANWAL SACHDEVA, Indiana University

An Empirical Test of the Alternative Hypotheses of National and International Pricing of Risky Assets—RICHARD STEHLE, Universitat Mannheim

International Capital Flows: Using Ex Post Data—BRUNO SOLNIK, C.E.S.A., France

**Discussion:** RICHARD ROGALSKY, Columbia University, BERNARD DUMAS, E.S.S.E.C., France

10:30 am
Shelburne Hotel—County Cork Manor, Session No. 36
AFA

### **Options**

Chairperson: ROBERT C. MERTON, Massachusetts Institute of Technology

The Pricing of Contingent Claims—FISCHER BLACK, Massachusetts Institute of Technology and JOHN COX, Stanford University

The Pricing of American Put Options—MICHAEL BRENNAN and EDUARDO SCHWARTZ, University of British Columbia

An Evaluation of Corporate Call Policies on Convertible Bonds— JONATHAN INGERSOLL, University of Chicago

Discussion: ROBERT C. MERTON, Massachusetts Institute of Technology

10:30 am—12:15 pm Chalfont Hotel—Zodiac A, Session No. 23 ASE

#### **Distribution and Ethics**

Chairperson: JAMES A. YUNKER, Western Illinois University

Public Interest/Pressure Groups and Their Effect on Distribution—BARRY KEATING, Virginia Polytechnic Institute and State University

Changes in Income Distribution in Puerto Rico—FUAT M. ANDIC, University of Puerto Rico

**Discussion:** RICHARD J. WARD, Southeastern Massachusetts University, GEORGE F. ROHRLICH, Temple University

10:30 am Chalfont Hotel—Vaux Hall Room, Session No. 26 ES

### **Econometric Studies of Transportation and its Regulation**

Chairperson: WILLIAM A. VICKREY, Columbia University

Efficiency in the Market for Airline Services—JAMES E. ANDERSON, Boston College

Modeling the Structure of Production in the U.S. Railroad Industry—DOUGLAS W. CAVES and LAURITS R. CHRISTENSEN, University of Wisconsin, Madison

Measuring Economies of Density in Rail Freight Transport—ROBERT HARRIS, University of California, Berkeley

On the Economic Impact of Railroad Freight Regulation—THEODORE E. KEELER, University of California, Berkeley

**Discussion:** J. HAYDEN BOYD, Motor Vehicle Manufacturers Association, Detroit, ALAN W. WALTERS, IBRD

10:30 am Haddon Hall Hotel—Mandarin Room, Session No. 10 ES

#### **Input-Output and Leontief Paradox**

Chairperson: LARRY WESTPHAL, World Bank

International Cost Differences—A Comparison of Canadian and United States Manufacturing Industries—ERNEST H. OKSANEN and JAMES R. WILLIAMS, McMaster University

Factor Abundance and United States Comparative Advantage—JON HARKNESS, McMaster University

The International Trade of Taiwan 1952–1972: A Combination of Theoretic, Econometric and Input-Output Analysis—JAMES T. H. TSAO, Pennsylvania Department of Health

A Logit Analysis of the Factor Content of West German Foreign Trade—CHRISTOPHER F. BAUM and DAVID T. COE, University of Michigan

Fuel Substitutability and the Competitive Position of the U.S. in Foreign Trade—ANTHONY Y. C. KOO, Michigan State University

Problems in Converting Leontief Static Models to Dynamic Ones—FLOYD K. HARMSTON, University of Missouri, Columbia

Discussion: YUNG RHEE, World Bank

10:30 am
Chalfont Hotel—Marine Room, Session No. 27
ES

### **Finite Sample Econometrics**

Chairperson: ROBERT SUMMERS, University of Pennsylvania

The Heteroscedastic Linear Model: Exact Finite Sample Results—WILLIAM E. TAYLOR, Bell Laboratories

Finite—Sample Properties of the Iterated Instrumental Variable Estimator—R. S. MARIANO, University of Pennsylvania and D. R. ROWELL, Villanova University

Finite Sample Properties of OLS and IV Estimators in a Regression Model with Lagged Dependent Variable—R. A. L. CARTER and AMAN ULLAH, The University of Western Ontario

Information Criterion for the Choice of Regression Models—TAKAMITSU SAWA, University of Illinois, Urbana-Champaign

Discussion: DONALD T. SANT, Princeton University

10:30 am Shelburne Hotel—Diamond Jim Brady Room, Session No. 30 ES

### **Macroeconomic Theory II**

**Chairperson:** DALE W. HENDERSON, Board of Governors of the Federal Reserve System

Does Fiscal Policy Matter?—THOMAS F. COSIMANO and JAMES M. HOLMES, SUNY at Buffalo

Fiscal Policy, Welfare, and Employment with Perfect Foresight—GUILLERMO A. CALVO, Columbia University

The Effect of Adjustment Costs on Unemployment and Inflation in a Growing Economy—JEFFREY E. LEVIN, University of Kentucky

The Role of Government in a Simple Macro Model—URI M. POSSEN and STEVEN SLUTSKY, Cornell University

**Discussion:** JAMES L. BUTKIEWICZ, University of Delaware, WARREN E. WEBER, Duke University

10:30 am
Chalfont Hotel—St. Giles Room, Session No. 25
ES

#### The Determinants of Earnings

Chairperson: RONALD EHRENBERG, Cornell University

Determinants of the Size Distribution of Earnings in Canada—DENNIS BUSHE, National Bureau of Economic Research and EDWARD WOLFF, New York University

Maintenance Personnel Effectiveness in the Navy—STANLEY A. HOROWITZ and ALLAN SHERMAN, Center for Naval Analysis

Empirical Tests for the Existence of Comparative Advantage in Individuals—MICHAEL SATTINGER, State University of New York, Stony Brook

Do Pension Plans Generate Equalizing Differences in Wages?—BRADLEY R. SCHILLER and RANDALL D. WEISS, University of Maryland

**Discussion:** ANN BARTEL, Columbia University, GERALD JAYNES, University of Pennsylvania, HARRY GILMAN, U.S. Department of Labor, Washington, D.C.

10:30 am Chalfont Hotel—Roberts Room, Session No. 20 ES

One Sector Economic Growth and Uncertainty: A Survey

Chairperson: LIONEL W. McKENZIE, University of Rochester

One Sector Economic Growth and Uncertainty: A Survey—LEONARD MIRMAN. University of Illinois

**Discussion:** ROY RADNER, University of California, Berkeley, DAVID CASS, University of Pennsylvania

10:30 am Chalfont Hotel—Parlor A, Session No. 24 ES, ASGE

### **Recent Findings from the Income Maintenance Experiments**

Chairperson: LARRY ORR, Department of Health, Education and Welfare Reanalysis of the New Jersey Experiment Data—ROBINSON G. HOLLISTER, Swarthmore College and Mathematica Policy Research;

STUART H. KERACHSKY, Mathematica Policy Research and

CHARLES D. MALLAR, Johns Hopkins University and Mathematica Policy Research

Work and Income Response of Rural Families to an NIT—LEE BAWDEN, Urban Institute and STUART H. KERACHSKY, Mathematica Policy Research

Switching from AFDC to an NIT: Initial Findings on Female Heads from the Gary Experiment—LOIS B. SHAW, Mathematica Policy Research; JOHN F. McDONALD, University of Illinois at Chicago Circle and ROBERT A. MOFFITT, Mathematica Policy Research

Findings from the Seattle and Denver Experiments—ROBERT SPIEGELMAN, Stanford Research Institute

Discussion: THEODORE TSUKAHARA, JR., Pomona College

10:30 am Shelburne Hotel—Solarium, Session No. 35 HERO

### **Contributed Papers in Health Economics**

Chairperson: FRANK A. SLOAN, Vanderbilt University

An Analysis of the Effects of Demand and Supply Factors on the Utilization of Health Services in Short-Stay General Hospitals—LIEN-FU HUANG, Howard University

An Analysis of Prospective Reimbursement Systems—FRED J. HELLINGER, Social Security Administration

Forprofit Versus Nonprofit Hospitals: A Comparison of Costs and Efficiency—CARSON BAYS, University of Illinois at Chicago-Circle

Some Effects of Granting the FDA Increased Legislative Authority for Releasing Some Scientific Testing Data Concerning Pharmaceuticals—JOHN GLENNIE and GAIL UPDEGRAFF, Food and Drug Administration

Impact of Medicare on Physicians' Earnings in Canada—MURRAY BROWN, Dalhousie University, Halifax; ALEXANDRA BENHAM and LEE BENHAM, Washington University, St. Louis

Discussion: None

10:30 am Sheraton-Seaside—Pennsylvania Rooms A & B, Session No. 50 IRRA **Arbitration:** Contributed Papers

Chairperson: CHARLES KILLINGSWORTH, Michigan State University

Value Differences Between Attorney and Economist Labor Arbitrators—ED W. BANKSTON, Administrative Services, Arnold Air Force Station

The Application of Labor-Management Dispute Settlement Procedures to Prison Inmate Grievances—TIA SCHNEIDER DENENBERG, Arbitrator, New York

The Impact of Final Offer Interest Arbitration on Bargaining: The Case of Major League Baseball—JAMES B. DWORKIN, Purdue University

Industrialization and Variation in Social Structure: An Empirical Test of the Convergence Hypothesis—STEPHEN J. KOBRIN, Massachusetts Institute of Technology

Discussion: PETER B. DOERINGER, Boston University

10:30 am Sheraton-Seaside—Ruby Room, Session No. 51 IRRA/AEA

#### Race Differentials in the Female Work Force

Chairperson: COLLETTE MOSER, Michigan State University

EEO Laws and the Earnings of Women—ANDREA BELLER, University of Wisconsin, Madison

The Labor Force Participation of Black Wives—BARBARA A. JONES, Clark College

Impact of the Recession on Female Unemployment—KARL D. GREGORY, Oakland University

**Discussion:** ISABEL SAWHILL, Urban Institute, PAMELA HEATH, University of Texas, Dallas

10:30 am Shelburne Hotel—West Room, Session No. 34 NAAEED

The Role of Economic Education: Kindergarten Through College

Chairperson: JAMES B. O'NEILL, University of Delaware

Recommendations for Needed Research and Development in the Field of Economic Education—DON WENTWORTH, Pacific Lutheran University and LEE HANSEN, University of Wisconsin

Economic Education at the College Level—IRVING MORRISSETT, University of Colorado

Economic Literacy and the Secondary Curriculum—SUZANNE WIGGINS HELBURN, University of Colorado

The Kinder-Economy: A Case Study of Kindergarten Pupils' Acquisition of Economic Concepts—MARILYN KOURILSKY, University of California at Los Angeles

**Discussion:** DENNIS O'TOOLE, Virginia Commonwealth University, DIX W. CLOWARD, Weber State College

10:30 am Shelburne Hotel—Mirror Room, Session No. 32 NAESA

### **Historical Applications of Macroeconomics**

Chairperson: HOUSTON H. STOKES, University of Illinois, Chicago Circle

Real-Financial Interactions in the Corporate Sector: An Historical Analysis—ALLEN SINAI, Massachusetts Institute of Technology

Causes and Consequences of Farm Tenure Patterns in American History—JOSEPH D. REID, JR., University of Chicago

Prices and the Balance of Payments in Gold Rush California—DONALD W. JONES, University of Chicago

**Discussion:** JACOB COHEN, University of Pittsburgh, HUGH M. NEUBURGER, Columbia University, GARY LIBECAP, Rutgers University

10:30 am Shelburne Hotel—East Room, Session No. 33 NEA

The Economics of Institutional Racism

Chairperson: FLOURNEY A. COLES, JR., Vanderbilt University

Institutional Constraints on Black Community Personal Income—FRANK G. DAVIS. Howard University

Black Experience versus Black Expectation in Employment—MELVIN HUMPHREY, U.S. Equal Employment Opportunity Commission

Business Enterprise, Management, and Institutional Racism—CLEVELAND A. CHANDLER, Towson State College

**Discussion:** MARGARET SIMMS, Atlanta University, JUDSON PARKER, U.S. Federal Energy Administration, WILLIAM BRADFORD, Stanford University

10:30 am Haddon Hall Hotel—Pavilion Room, Session No. 12 SGE

#### **Microeconomic Theory**

Chairperson: OSKAR MORGENSTERN, Mathematica, Inc.

Classical vs. Neo-classical Views on the Role of Markets and Competition—RICHARD N. NELSON, Yale University

Corporate Planning Models—THOMAS H. NAYLOR, Duke University

Realistic Measurement of the Dynamic, Multi-tier Supply and Demand Relationship—ERIC D. BOVET, Consulting Economist

10:30 am
Chalfont Hotel—Blue Room, Session No. 21
SGE

### Can Government Rely on Industry Statistics and Vice Versa?

Chairperson: CORNELIUS DWYER, Federal Energy Administration

Problems in Interpreting Balance of Payments Statistics—WALTER LEDERER, U.S. Department of Commerce

Can Labor and Business Rely on Government Wage and Price Statistics?—EWAN CLAGUE, Kramer Associates, Inc.

Reserves and Ultimate Availability—WILLIAM A. VOGELY, University of Pennsylvania

11:00 am Haddon Hall Hotel—Derbyshire Room, Session No. 4 AFEE

PETERSON, University of Nebraska, Lincoln

#### **Presidential Address**

Chairperson: PHILIP KLEIN, Pennsylvania State University, University Park Institutionalism, Keynes, and the Real World—WALLACE C.

12:00 noon

Howard Johnson's—Pacific Room AREUEA

### **Presidential Luncheon**

12:00 noon Haddon Hall Hotel—Room 134 HES

Executive Committee Luncheon and Meeting, HES—Invitation Only

12:00 noon Holiday Inn—Ventnor B JCEE

Luncheon in Honor of the College and University Division Winners of the Interantional Paper Foundation Awards Program for Excellence in Teaching Economics—Sponsored by the Joint Council on Economic Education—Invitation Only

12:30 pm Haddon Hall Hotel—Pennsylvania Room AEA, ES

**AEA** and ES Luncheon Honoring 1975 Nobel Laureates in Economics Chairperson: LAWRENCE R. KLEIN

12:30 pm Haddon Hall Hotel—Bakewell Room AEA/TPUG Luncheon-Fee Event

Chairperson: WILLIAM G. SHEPHERD

12:30 pm Sheraton-Seaside—Pennsylvania C and D IRRA

Presidential Luncheon—"Time and Work"
IRVING BERNSTEIN, University of California, Los Angeles

2:00 pm Haddon Hall Hotel—West Room, Session No. 7 AAEA

Food and Agricultural Policy Issues: Roundtable Discussion

Chairperson: JAMES D. SHAFFER, Michigan State University

Speakers: WILLARD W. COCHRANE, University of Minnesota, DON PAARLBERG, U.S. Department of Agriculture, JOHN A. SCHNITTKER, Schnittker Associates, LUTHER G. TWEETEN, Oklahoma State University, LUTHER T. WALLACE, California Department of Food and Agriculture

\*No prepared papers

2:00 pm Haddon Hall Hotel—Rutland Room, Session No. 3 AEA

Impact of Recent Developments in Public Finance Theory on Public Policy Decisions

Chairperson: JULIUS MARGOLIS, University of California, Irvine

Pricing and Investment Decisions in the French Public Sector: Recent Theoretical Developments and Practical Application—HUBERT LEVY-LAMBERT. Société Générale, Paris

Efficiency and Equity Considerations in the Reform of the Tax System—JOSEPH STIGLITZ and MICHAEL BOSKIN, Stanford University

**Discussion:** DAVID BRADFORD, Princeton University and U.S. Treasury, MARTIN FELDSTEIN, Harvard University

2:00 pm Haddon Hall Hotel—Viking Theatre, Session No. 8 AEA

### Monetary Theory for Open Economies: The State of the Art

**Chairperson:** RALPH C. BRYANT, Board of Governors of the Federal Reserve System and Brookings Institution

Microeconomic Theory for Financial Intermediaries in an Open Economy—CHARLES FREEDMAN, Bank of Canada

Microeconomic Theory for Firms in an Open Economy—MICHAEL ADLER and BERNARD DUMAS, Columbia University

Macroeconomic Theory: Modeling the Interdependence of National Money and Capital Markets—DALE W. HENDERSON, Board of Governors of the Federal Reserve System

**Discussion:** RONALD L. McKINNON, Stanford University, DWIGHT JAFFEE, Princeton University, JÜRG NIEHANS, Johns Hopkins University

2:00 pm Haddon Hall Hotel—Garden Room, Session No. 2 AEA

British Capital in the Late Nineteenth Century: Sources in Britain and Movement in the Empire

Chairperson: WILLIAM N. PARKER, Yale University

Some Foreign and Imperial Outlets—LANCE E. DAVIS and ROBERT A. HUTTENBACK, California Institute of Technology

Some Domestic Sources—MICHAEL EDELSTEIN, Queens University

**Discussion:** RAYMOND W. GOLDSMITH, Yale University, WALT W. ROSTOW, University of Texas

2:00 pm Haddon Hall Hotel—Vernon Room, Session No. 1 AEA

**Economic Education** 

Chairperson: JOHN KUHLMAN, University of Missouri

What Economics is Most Important to Teach: The Hansen Committee Report—RENDIGS FELS, Vanderbilt University

New Basic Economics Courses: The JCEE Experiments—ALLEN KELLEY, Duke University

**Discussion:** LEONARD SILK, New York Times, MYRON JOSEPH, Carnegie-Mellon University

2:00 pm Haddon Hall Hotel—Derbyshire Room, Session No. 4 AEA

**Growth** (Contributed Paper Session)

Chairperson: HERBERT S. LEVINE, University of Pennsylvania

Technological and Structural Change in the Postwar U.S. Economy: An Input-Output Analysis—ROGER H. BEZDEK, Energy, Research and Development Administration

Migration and Economic Growth: Towards an Understanding of the Postwar European Experience—YANNIS M. IOANNIDES, Brown University

Agricultural Development on the Frontier: The Case of Siberia Under Nicholas II—DANIEL R. KAZMER, Central Intelligence Agency

The Characteristics of Optimum Inventions: An Isotech Approach—ROGER A. McCAIN, Temple University

Discussion: WILLIAM D. NORDHAUS, Yale University

2:00 pm Haddon Hall Hotel—Tower Room, Session No. 9 AEA. ACES

Other Things Equal: Diverse Economies in Similar Societies

Chairperson: DAVID GRANICK, University of Wisconsin, Madison

The Economies of North and South Korea—JOSEPH S. CHUNG, Illinois Institute of Technology

The Economies of East and West Germany—PAUL GREGORY, University of Houston and GERT LEPTIN, Freie Universität, Berlin

The Economies of Austria and Czechoslovakia—OLDRICH KYN, Boston University

**Discussion:** WOLFGANG F. STOLPER, University of Michigan, PONG S. LEE, State University of New York at Albany, VACLAV HOLESOVSKY, University of Massachusetts at Amherst

2:00 pm Haddon Hall Hotel—Navajo Room, Session No. 11 AEA, ASGE

#### Distributional Impact of State and Local Government Actions

Chairperson: WILLIAM B. NEENAN, University of Michigan

Relative Fiscal Abilities of States—JOHN AKIN, University of North Carolina, Chapel Hill

Influence of Alternative School Aid Formulas on Municipal Finances—DONALD CURRAN and DOUGLAS STEWART, Cleveland State University

Differential Property Tax Rates and Their Impact on Property Values—SHARON LEVIN, University of Missouri, St. Louis

Redistributive Effects of Inflation Through State Tax Revenues—GERALD AUTEN and EDWARD ROBB, University of Missouri, Columbia

Role of Employee and Constituent Demand in the Growth of Public Expenditures—KENNETH GREENE and VINCENT MUNLEY, State University of New York, Binghamton

**Discussion:** KATHARINE BRADBURY, University of Wisconsin, HARVEY ROZEN, Princeton University, HAROLD HOCHMAN, City University of New York

2:00 pm Haddon Hall Hotel—Mandarin Room, Session No. 10 AEA, HES

### **History of Economic Thought**

Chairperson: WILLIAM D. GRAMPP, University of Illinois, Chicago

Political Economy in the Period of the American Revolution—G. WARREN NUTTER, University of Virginia

The American Tradition in Economics—HARRY G. JOHNSON, University of Chicago

**Discussion:** PAUL J. McNULTY, Columbia University, ABRAHAM HIRSCH, Brooklyn College, CUNY

2:00 pm Shelburne Hotel—Solarium, Session No. 35 AFA/TPUG

#### **Rate Structure**

Chairperson: WILLIAM G. SHEPHERD, University of Michigan

The Application of Economics to Utility Rate Structures: A Progress Report—ALFRED E. KAHN, New York Public Service Commission, Cornell University

**Discussion:** WILLIAM H. MELODY, University of Pennsylvania, ELIZABETH E. BAILEY, Bell Laboratories and New York University

2:00 pm Chalfont Hotel—Music Room, Session No. 22 AFA

**Municipal Financial Management: Round-table** 

Chairperson: GEORGE KAUFMAN, University of Oregon

Cash Management and Capital Budgeting—J. RICHARD ARONSON, Lehigh University

Broadening the Market for Municipal Bonds—JAMES Van HORNE, U.S. Treasury and Stanford University

Credit Quality and Bond Ratings—JOHN PETERSEN, Municipal Finance Officers Association

Pension Fund Management—WILLIAM SHARPE, Stanford University

Disclosure in Reports—RICHARD WEST, Dartmouth College

Academics Help Municipal Finance Officers?—JAMES YOUNG, Treasurer, City of Boston

2:00 pm Shelburne Hotel—County Cork Manor, Session No. 36 AFA

### Restructuring the Deposit Financial Institutions

Chairperson: DONALD P. JACOBS, Northwestern University

The Financial Institutions Act of 1976—ROBERT WEINTRAUB, Department of the Treasury and WILLIAM WEBER, Sub-Committee on Financial Institutions, U.S. Senate

The Financial Reform Act of 1976—JAMES PIERCE, House Committee on Banking, Currency and Housing, and University of California, Berkeley

**Discussion:** ALMARIN PHILLIPS, University of Pennsylvania, CARTER H. GOLEMBE, Golembe Associates, Inc., KENNETH THYGERSON, U.S. League of Savings Associations

2:00-3:30 pm Shelburne Hotel—Coral Reef Room, Session No. 31 AFA, AREUEA

#### **Real Estate Finance**

Chairperson: WILLIAM B. BRUEGGEMAN, Ohio State University

Interest Rate Change Insurance—ROBERT H. EDELSTEIN and JACK M. GUTTENTAG, University of Pennsylvania

A Portfolio Approach to Advances at a District FHL Bank—H. KIRK ROBERTS, Federal Home Loan Bank of Cincinnati

Efficient Allocation of Risk Bearing—JEROME B. BAESEL and NAHUM BIGER, York University

**Discussion:** LAWRENCE B. SMITH, University of Toronto, ANDREW H. CHEN, The Ohio State University, JOHN J. McCONNELL, Purdue University

2:00 pm Shelburne Hotel—Diamond Jim Brady Room, Session No. 30 NAESA

### The Exchange Rate Controversy

Chairperson: ROBERT MUNDELL, Columbia University

The Case Against Fixed Exchange Rates—DAVID LAIDLER, University of Western Ontario

Optimal Exchange Rates—ARTHUR LAFFER, University of Chicago

Some Empirical Tests of the U.S.-Canadian Exchange Rate—ROBERT AUERBACH, American University and JACK RUTNER, Federal Reserve Bank of Kansas City

**Discussion:** THEODORE DERNBURG, American University, PAUL EVANS, Stanford University

2:00 pm Haddon Hall Hotel—Rowsley Room, Session No. 6 PCS

#### **New Perspectives on Political Economy**

Chairperson: WALLACE OATES, Princeton University

Some Wider Implications of the Public Choice Paradigm—ROBIN MARRIS, University of Maryland

The Political Economy of Comparative Growth Rates—MANCUR OLSON, University of Maryland

A Superior Collective Choice Method—T. NICOLAUS TIDEMAN and GORDON TULLOCK, Virginia Polytechnic Institute and State University

**Discussion:** PAUL PORTNEY and CLIFFORD RUSSELL, Resources for the Future

2:00 pm Chalfont Hotel—Parlor A, Session No. 24 SGE

### **International Finance and Development**

Chairperson: BESSIE P. YEH, U.S. Department of Agriculture

Exchange Rate Stability and Managed Floating: The German Experience—JACQUES R. ARTUS, International Monetary Fund

Criteria for Exchange Rate, Pegging and Official Intervention by LDC's Under the Regime of Floating—JACOB S. DREYER, New York University

Financial Issues in the North-South Dialogue—WILLIAM WITHERELL, U.S. Treasury Department

Modeling of Flow of Funds Analysis for the Study of the Relationship Between Finance and Development—CLARK W. REYNOLDS, Sanord University

**Discussion:** RONALD MULLER, American University, ARTURO BRILLEMBOURG, International Monetary Fund

2:00 pm Chalfont Hotel—St. Giles Room, Session No. 25 SGE

### **Determination of Federal Pay Levels**

Chairperson: E. J. DEVINE, Formerly with Defense Manpower Commission

"Comparability" and the Determination of Federal Pay Levels—RICHARD A. KUZMACK

The Principle of "Comparability" in Federal Pay Determination—SHARON P. SMITH, Federal Reserve Bank of New York

The Need for "Comparability" in Federal Wage Policy—RICK GALLEHER, AFL-CIO and Federal Employees Pay Council

**Discussion:** CHRISTOPHER JEHN, Center for Naval Analysis, THOMAS M. STANNERS, U.S. Office of Management and Budget

2:00 pm Shelburne Hotel—West Beach Room, Session No. 42 URPE

### **Corporate Structure and Relations of Productions**

Chairperson: To be announced

Development of Structure in U.S. Corporations: Sphere of Production vs. Sphere of Circulation—MAARTEN DEKADT, New School for Social Research

Discussion: To be announced

2:00 pm Shelburne Hotel—Presidential Suite I, Session No. 39 URPE

#### Radical Reforms and the Transition to Socialism

Chairperson: To be announced

The Political Economy of the Transition to Socialism: A Theoretical and Historical Perspective—STEVE STAMOS, Bucknell University

A Radical Program for Economic Reforms—VICTOR PERLO, Economic Consultant

Discussion: To be announced

2:00 pm Shelburne Hotel—Presidential Suite 3, Session No. 40 URPE

#### Use of the State and Public Policy II

Chairperson: To be announced

New York City Crisis: Past, Present, and Future—JOSEPH HARRIS, Labor Research Associates. Inc.. New York

The Effect of State Economic Activity on the Accumulation Process— STEPHEN ROSE, Baltimore, Maryland

Discussion: To be announced

2:30 pm Shelburne Hotel—East Room, Session No. 33 AFEE

# Clarence E. Ayres Memorial Session—Institutionalism and the Current Crisis

Chairperson: HARRY M. TREBING, Michigan State University

Institutionalism, Planning and the Current Crisis—ALLAN G. GRUCHY, University of Maryland

Institutional Economics and the Crisis of Capitalism—J. RON STANFIELD, Colorado State University

J. M. Clark and the Future of Institutionalism—LAURENCE SHUTE, University of Massachusetts, Boston

**Discussion:** WILLIAM MELODY, University of Pennsylvania, OLEG ZINAM, University of Cincinnati, BALDWIN RANSON, Western State College of Colorado

2:30-4:15 pm Shelburne Hotel—West Room, Session No. 34 ASE

#### International Dimensions of Distribution

Chairperson: NICHOLAS K. BRUCK, Inter-American Development Bank

International Distribution of Financial Flows for Development—M. R. SCHROFF, IMF/IBRD Development Committee

International Negative Income Tax—JAMES H. WEAVER, and RICHARD N. BLUE, U.S. AID

**Discussion:** WILLIAM CLINE, Brookings Institute, GUSTAV F. PAPANEK, Boston University

2:30 pm Shelburne Hotel—Oak Lounge, Session No. 37 ES

#### **Models With Time Varying Unobservables**

Chairperson: ROBERT F. ENGLE, University of California, San Diego

A General Method for Estimating the Permanent and Transitory Component of an Economic Variable—AGUSTIN MARAVALL, Board of Governors, Federal Reserve System

Measurement Error in a Dynamic Simultaneous Equations Model With Stationary Disturbances—CHENG HSIAO, University of California, Berkeley

Econometrics of Rational Expectations—NEGESH S. REVANKAR, SUNY. Buffalo

Estimation and Hypothesis Testing in Time-Varying Models—ROBERTO S. MARIANO, University of Pennsylvania

Models with Variable Coefficients—Integration and Extension—YAIR MUNDLAK, Harvard University

**Discussion:** DAVID A. PIERCE, and P.A.V.B. SWAMY, Board of Governors of the Federal Reserve System, J. S. MEATA, Temple University

2:30 pm Shelburne Hotel—Mirror Room, Session No. 32 ES

#### **Municipal Finance and Local Services**

Chairperson: WILLIAM WHEATON, Massachusetts Institute of Technology

On the Relative Cost of Bond Finance and Tax Finances for Local Governments—PETER MIESZKOWSKI, University of Houston

Money Prices and Non-Monetary Factors in the Demand for Medical Services—J. CHAPMAN, University of Southern California, Los Angeles T. SLOBKO and JOSEPH HARING, Occidental College

On the Political Economy of Direct Democracy in Local Public Finance—THOMAS ROMER, and HOWARD ROSENTHAL, Carnegie-Mellon University

Economies of Scale and Impacts of Population on Local Government Services—EDNA LOEHMAN and ROBERT EMERSON, University of Florida

An Econometric Analysis of the Growth of Crime—IRVING LEVESON, Hudson Institute

**Discussion:** EDWIN S. MILLS, Princeton University, RONALD E. GRIESON, Columbia University

2:30 pm Haddon Hall Hotel—Pavilion Room, Session No. 12 ES

#### The Labor Market for Teachers

Chairperson: ANITA SUMMERS, Federal Reserve Bank of Philadelphia

Pecuniary and Nonpecuniary Returns to Graduate Education for High School Teachers—JOSEPH R. ANTOS, U.S. Department of Labor

Measurement of Faculty Productivity—EMILY P. HOFFMAN, University of North Carolina, Chapel Hill

Correcting Measurement Errors on Self Administered Tests: The Case of Verbal Ability Tests Taken by Teachers—RICHARD MURNANE, University of Pennsylvania

Local Public Colleges and the Demand for Higher Education—STEVEN H. SANDELL, Ohio State University

**Discussion:** ROBERT FRANK, Cornell University

2:30 pm Shelburne Hotel—East Beach, Session No. 41 ES

#### **Economic Theory I**

Chairperson: WILLIAM BROCK, University of Chicago

On the Optimality of Rational Expectations Equilibria—S. GROSSMAN, Stanford University

Risk Aversion and Entrepreneurial Behavior—R. KIHLSTROM, University of Illinois, Urbana and JEAN-JACQUES LA FONT, Laboratoire D'Econometrie, L'Ecole Polytechnique, Paris

The Structure of Exchange and the Concept of Effective Demand—M. HELLWIG, Princeton

The Free Rider Problem and Large Economies—T. MUENCH and M. WALKER, SUNY at Stony Brook

**Discussion:** EDWARD PRESCOTT, Carnegie-Mellon University, CARL FUTIA, Bell Laboratories

2:30 pm Shelburne Hotel—Presidential Suite II, Session No. 43 ES

## Money, Prices and Causality

Chairperson: W. LEE HOSKINS, Federal Reserve Bank of Philadelphia

The Identification of Causal Relationships for Bivariate Autoregressive Processes—M. EDWIN IRELAND and FREDERICK W. MORGAN, Clemson University

Some Tests of the Monetarist Model of International Inflation—EDGAR L. FEIGE University of Wisconsin and JAMES M. JOHANNES, Michigan State University

Passive Money Supply in Latin America—SUSAN M. WACHTER, University of Pennsylvania

Modelling Monetary Policy as an Unobserved Variable—ROBERT B. AVERY, Carnegie-Mellon University

**Discussion:** WILLIAM POOLE, Brown University, CHRISTOPHER A. SIMS, University of Minnesota

2:00 pm Chalfont Hotel—Marine Room, Session No. 27 ES

#### **Quantitative Political Economy**

Chairperson: STEPHEN MAGEE, University of Texas, Austin

External Benefits of Education: An Assessment of the Effect of Education on Political Participation—DAVID C. STAPLETON, University of Wisconsin

The Determinants and Effects of Political Contribution—URI BEN-ZION and YAIR MOSHEL, Technion, Israel

Use of a Logit Model with Various Socioeconomic Variables to Explain Voting by State Legislatures on the Proposed Equal Rights Amendment—MARCELLUS S. SNOW, University of Hawaii

Product Demand and Union Wage Behavior: The Case of Bituminous Coal—HENRY S. FARBER, Princeton University

Discussion: RANDALL OLSEN, Yale University, RAY FAIR, Yale University

2:30 pm Sheraton-Seaside—Ruby Room, Session No. 51 IRRA

Workers' Compensation: The Policy Issues

Chairperson: DAVID JOHNSON, University of Wisconsin, Madison

The Role of Workers' Compensation in a General Disability
System—MONROE BERKOWITZ, Rutgers University, New Brunswick

Federal or State Responsibility for Workers' Compensation?—JOHN F. BURTON, JR., University of Chicago

Work Injuries and Wage Losses for Partially Disabled Workers—WAYNE VROMAN, University of Maryland

Discussion: RONALD EHRENBERG, Cornell University

3:00 pm Holiday Inn—Ballrooms B and C NEA

Samuel Z. Westerfield Award Ceremony

4:00 pm Haddon Hall Hotel—Pennsylvania 1 and 2 AEA

The Invisible Hand and Other Matters (The Wealth of Nations Bicentennial Session)

**Chairperson:** WILLIAM BAUMOL, New York University and Princeton University

Adam Smith on Human Capital—JOSEPH SPENGLER, Duke University

Smith and Ricardo: Aspects of the 19th Century Legacy—SAMUEL HOLLANDER, University of Toronto

A Theoretical Post Mortem Vindicating Adam Smith's System—PAUL A. SAMUELSON, Massachusetts Institute of Technology (Read from Chair)

4:00 pm-5:45 pm Chalfont Hotel—Vaux Hall Room, Session No. 26 NTA/TIA

Public Finance: Honoring Carl Shoup

Chairperson: MORRIS BECK, Rutgers University, Newark

Opening Remarks—LAURENCE N. WOODWORTH, President, NTA/TIA

Property Taxation and Economic Development—C. LOWELL HARRISS, Columbia University

Tax Reforms and Tax Design—RICHARD M. BIRD, University of Toronto

Central City Finances and the National Economy—JAMES M. SUAREZ, Hunter College, CUNY

4:00 pm Haddon Hall Hotel—West Room NAESA

### **Presidential Address and Business Meeting**

Chairperson: TOM JOHNSON, Eastern Michigan University

Presidential Address—ROBERT MUNDELL, Columbia University

4:30-6:30 pm Shelburne Hotel—Coral Reef Room ARFUEA

#### **AREUEA Business Meeting**

Chairperson: ROBERT M. FISHER, President, AREUEA

4:30-6:00 pm Haddon Hall Hotel—Library ASE

Business Meeting of the Review of Social Economics and Forum

Chairperson: WILLIAM R. WATERS, De Paul University

4:30 pm Sheraton-Seaside—Terrace Room IRRA

IRRA General Membership Meeting

Chairperson: IRVING BERNSTEIN, University of California at Los Angeles

4:30 pm Holiday Inn—Ballroom A NEA

Samuel Z. Westerfield Award Ceremony Reception

4:30 pm Haddon Hall Hotel—Navajo Room, Session No. 11 SGE

**Municipal Finance Problems** 

Chairperson: ROBERT FIRESTINE, University of Texas, Dallas

Financing City Services with Regional Taxes—ROY BAHL and DAVID PURYEAR, Syracuse University

Intergovernmental Fiscal Cooperation in a Growing Metropolitan Economy—BERNARD WEINSTEIN and ROBERT FIRESTINE, University of Texas, Dallas

The Relation of Public/Private Wage Differentials to Urban Fiscal Problems—LARRY SCHROEDER, Georgia State University

**Discussion:** DONNA SHALALA, Columbia University and the Municipal Assistance Corp. of New York

4:30 pm Chalfont Hotel—Marine Room, Session No. 27 URPE

Teaching Principals and Intermediate Macroeconomics in a Relevant Way

Chairperson: To be announced

Towards a New Macroeconomics Textbook: The Analysis of Conservative, Liberal, and Radical Macroeconomic Theory—ROBERT CHERRY, Montclair State Collete

**Discussion:** WILLIAM TABB, Queens College, LEONARD RAPPING,, University of Massachusetts, DIANE FLAHERTY, Barnard College

5:00-7:00 pm Haddon Hall Hotel—Garden Room AAEA

Open Session—Cash Bar—No Host

5:00-7:00 pm Howard Johnson's—Granada C ACES

ACES, Annual Meeting, Prospective Members Welcome

5:00 pm Haddon Hall Hotel—Pavilion Room AFA

Presidential Address: "Debt and Taxes" Merton H. Miller, University of Chicago

5:00 pm Chalfont Hotel—Parlor A AFEE

**General Business Meeting** 

5:00 pm Howard Johnson's—Granada K, L, M, N HERO

HERO Cocktail Party Sponsored by Roche Laboratories—Invitation Only

5:00-7:00 pm Haddon Hall Hotel—Room 134 Journal of Economic Literature

Journal of Economic Literature Editorial Board Meeting—Invitation Only

5:00-7:00 pm
Holiday Inn—Margate A and B
Department of Economics, Princeton University

Cocktail Party—Cash Bar

5:00-7:00 pm Howard Johnson's—Granada E University of Iowa

University of Iowa—Students, Alumni, and Friends—Social Hour

5:00 pm
Holiday Inn—Ventnor B
Department of Economics—University of Pittsburgh

University of Pittsburgh Alumni Cocktail Party

5:00-7:00 pm
Chalfont Hotel—Roberts Room
Economics Department—Yale University

Cocktail Party Sponsored by the Yale University Economics Department for All Current and Former Students and Faculty

5:30 pm Sheraton-Seaside—Ruby Room IRRA

IRRA Social Hour-Cash Bar

5:30 pm Holiday Inn—Ventnor A PIEC/F

Cocktails: Members and Friends are Invited

5:30-8:00 pm Chalfont Hotel—Zodiac A and B SGE

**Cocktail Party** 

5:30-7:00 pm
Chalfont Hotel—Blue Room
Department of Economics, Stanford University

**Stanford University Cocktail Party** 

5:30-6:30 pm Howard Johnson's—Pacific Room University of Illinois

University of Illinois Graduates, Wine and Cheese Party—Invitation Only

5:30 pm
Howard Johnson's—Granada A
Department of Economics, University of Pennsylvania

**University of Pennsylvania Cocktail Party** 

6:00 pm Haddon Hall Hotel—Pavilion Room AFA

**AFA Annual Membership Meeting** 

6:30-8:00 pm Haddon Hall Hotel—Derbyshire Room AREUEA

AREUEA Cocktail Party for AREUEA Members and Friends (Sponsored by the Society of Real Estate Appraisers)

8:00 pm Haddon Hall Hotel—Pennsylvania Room AEA

**Presidential Address** 

Chairperson: JACOB MARSCHAK, University of California, Los Angeles

Speaker: FRANCO MODIGLIANI, Massachusetts Institute of Technology

8:00 pm Haddon Hall Hotel—Navajo Room NEA

**Business Meeting** 

Chairperson: ALFRED EDWARDS, University of Michigan, Ann Arbor

9:00 pm Chalfont-Haddon Hall—Syracuse University Suite Syracuse University Economics Department

Reception: Syracuse University, Department of Economics

9:30 pm Haddon Hall Hotel—Pennsylvania Room AEA

**Business Meeting** 

# Saturday, September 18

7:30 am
Holiday Inn—Ventnor A
Economics Department, Wellesley College

Seventh Annual Wellesley Economics Breakfast—Invitation Only

8:15-10:00 am
Holiday Inn—Ventnor B
Journal of Economic Literature

Journal Editors Meetings—Invitation Only

8:30-10:15 am Holiday Inn—Margate A and B ASE

**ASE Presidential Breakfast** 

8:30 am Haddon Hall Hotel—Derbyshire Room, Session No. 4 ACES

**Comparative Economics of Education** 

Chairperson: LYNN TURGEON, Hofstra University

Education in the People's Republic of China—CHARLES R. ROLL, JR., The RAND Corporation

Education in Cuba—MARTIN CARNOY, Stanford University

Education in the USSR—BARNEY K. SCHWALBERG, Brandeis University

**Discussion:** CARL A. RISKIN, Queens College, C.U.N.Y., CARMELO MESA-LAGO, University of Pittsburgh, HAROLD J. NOAH, Teachers College, Columbia University, JANOS TIMAR, Karl Marx University, Budapest

8:30 am Haddon Hall Hotel—Mandarin Room, Session No. 10 AEA

Non-Pecuniary Economics II (Contributed Paper Session)

## Saturday • September 18

Chairperson: PAUL RAPPOPORT, Temple University

A Model of Family Income Determination—CHARLES T. HAWORTH and JOAN G. HAWORTH, Florida State University

The College Education of Women: Labor Market Returns and Household Returns—STANLEY D. NOLLEN, Georgetown University

Tests of the Economic Theory of Fertility—CHARLES WOLIN, Mathematica Policy Research

Discussion: WILLIAM VICKREY, Columbia University

8:30 am
Chalfont Hotel—Zodiac A, Session No. 23
AEA, ASGE

### **Employment Incentive Programs to Alleviate Unemployment**

Chairperson: HOWARD P. TUCKMAN, H.E.W. and Florida State University

Mechanisms to Realize the Potential Implicit in Structural Unemployment—ALBERT G. HART, Columbia University

Employment Incentive Bonus: A Proposal—THOMAS H. SHEEHAN, University of Colorado

Employment Incentive Programs: Who Are They For and What Is Their Purpose?—HOWARD M. WACHTEL, American University and Institute for Policy Analysis

**Discussion:** KENNETH E. BOULDING, University of Colorado, PETER S. ELEK, Villanova University, THOMAS F. WILSON, Butler University

8:30 am
Haddon Hall Hotel—Rutland Room, Session No. 3
AEA. HERO

## **Economic Analyses of Medical Malpractice Insurance**

Chairperson: DONALD E. YETT, University of Southern California

Determinants of the Supply and Demand for Malpractice Suits—MARNIE W. MUELLER, Wesleyan University

A Cross-State Analysis of Medical Malpractice Litigation and Insurance Premiums—PATRICIA MUNCH, The Rand Corporation

The Queuing of Malpractice Claims: Dynamic Properties of the Filing Process—JUDITH K. MANN, University of California, San Diego

**Discussion:** NEIL KOMESAR, University of Wisconsin, Madison, RONALD L. HEILMAN, University of Wisconsin, Madison, WILLIAM C. HSIAO, Harvard University

8:30 am Haddon Hall Hotel—Tower Room, Session No. 9 AEA, NEA

## **Racial Problems and Income Distribution**

Chairperson: HUEY J. BATTLE, Virginia State College

Black-White Differentials in Income and Wealth in the Washington, D.C. Area—JAMES D. SMITH, Yale University and The Urban Institute

Black Family Income Trends and Patterns—BARBARA JONES, Clark College

New Directions for Blacks in the Labor Markets: A Prospective Look at the Third Century—CHARLES D. WHYTE, Virginia State College

**Discussion:** KARL D. GREGORY, Oakland University BRADLEY R. SCHILLER, University of Maryland, BERNARD E. ANDERSON, University of Pennsylvania

8:30 am Haddon Hall Hotel—Garden Room, Session No. 2 AFA

## **Pension Fund Round Table**

Chairperson: WILLIAM F. SHARPE, Stanford University

The Financial Principles of Corporate Pension Plans—JACK TREYNOR, Financial Analysts Journal

Discussion: ROGER OBBOTSON, University of Chicago, ROGER MURRAY, Columbia University, PATRICK REGAN, Merrill Lynch, Peirce, Fenner and Smith, IRWIN TEPPER, Harvard University, IVAN THORNTON, Cooper Industries, DENNIS TITO, Wilshire Associates

8:30 am Shelburne Hotel—Mirror Room, Session No. 32 ES

## **Macroeconometric Models**

Chairperson: ROBERTO S. MARIANO, University of Pennsylvania

Stabilization In An Open Federal State: An Econometric Study Using CANDIDE Model 1.2—MUNIR A. SHEIKH and STANLEY L. WINER, Economic Council of Canada

A Macroeconmetric Model of the Yugoslav Economy 1953-1972—ANDRE SAPIR, The Johns Hopkins University

Cyclical Fluctuations in Industrialized Economies—CLAUDE HILLINGER, Institut fur Empirische Wirtschaftsforschung, Universitat Munchen

**Discussion:** CHARLES FREEDMAN, Bank of Canada, BENJAMIN WARD, University of California at Berkeley, BRYAN W. Brown, Princeton University

8:30 am
Chalfont Hotel—Marine Room, Session No. 27
ES

## **Econometric Studies of Market Structure, Its Concomitants and Consequences**

Chairperson: F. M. SCHERER, Northwestern University

Industrial Organization and Inventive Activity—KEVIN C. SONTHEIMER, S.U.N.Y. Buffalo

Research and Market Share: A Reappraisal of the Schumpeter Hypothesis—JOEL B. ROSENBERG, Case Western Reserve University

Size-Profit Estimation of the U.S. Market Structure—BENJAMIN O. UZOARU, University of Connecticut, Storrs

An Intra-Industry Study of Competition—JOHN M. KUHLMAN and CHARLES G. GEISS, University of Missouri, Columbia

**Discussion:** EDWIN MANSFIELD, University of Pennsylvania, LAWRENCE J. WHITE, Princeton University

8:30 am
Chalfont Hotel—Vaux Hall Room, Session No. 26
ES

## **Imperfect Information**

Chairperson: EDWARD PRESCOTT, Carnegie-Mellon University

Optimal Incentive Contracts with Imperfect Monitoring—M. HARRIS and A. RAVIN, Carnegie-Mellon University

Efficient Contracts with Costly State Verifications—R. M. TOWNSEND, Carnegie-Mellon University

Duration of Offers and the Variability of Prices Under Conditions of Imperfect Information—M. LANDSBERGER, Technion, Israel Institute of Technology and D. PELED, University of Minnesota

Market Equilibrium Under Imperfect Information—G. WARSKETT, Department of Manpower and Immigration, Ottawa, Canada

**Discussion:** MARTIN HELLWIG, Princeton University, SANFORD GROSSMAN, Stanford University

8:30 am
Chalfont Hotel—Parlor A, Session No. 24
ES

## **New Developments in Taxation Theory**

Chairperson: KARL SHELL, University of Pennsylvania

Specific Factors and the General Equilibrium Theory of Tax Incidence—PARTHASARATHI SHOME, American University

Uncertainty and the Incidence of the Corporation Income Tax in the Presence of (Incomplete) Financial Markets—ELHANAN HELPMAN, Tel-Aviv University

Changes in the AFDC Tax Rates 1967-1971—ROBERT HUTCHENS, New York State School of Industrial and Labor Relations, Cornell University

The Optimal Income Tax: Some Comparative Statics Results—EFRAIM SADKA and ELHANAN HELPMAN, Tel-Aviv University

Social Security, Capital Accumulation and the Supply of Labor—SHENG CHENG HU, Purdue University

On the Cost of Minimum Income Supports—GARY YOHE, S.U.N.Y. at Albany

**Discussion:** JOHN WEYMARK, Duke University, RON GRIESON, Columbia University

8:30 am
Chalfont Hotel—Roberts Room, Session No. 20
ES

## **Time Series Models**

Chairperson: CHRISTOPHER SIMS, University of Minnesota

The Use of Point Sampled and Unit Averaged Time Series in Regression—JOHN GEWEKE, University of Wisconsin

Analysis of Arma Models—Estimation and Forecasting—MUKHTAR M. ALI, University of Chicago

The Effects of Overdifferencing on Regression Relationships Among Nonstationary Variables: Estimation and Inference in the Noninvertible Moving Average Process—G. WILLIAM SCHWERT and CHARLES PLOSSER, University of Rochester

Band Spectrum Regression with Lagged Dependent Variables and Stationary Errors: An Iterated Instrumental Variables Approach—ROBERT F. ENGLE, University of California, San Diego

**Discussion:** JEFFREY ROHLFF, Bell Laboratories, Murray Hill, N.J., PETER ROBINSON, Harvard University

8:30 am Haddon Hall Hotel—Navajo Room, Session No. 11 ES

### **Trade Models**

Chairperson: MICHAEL CONNOLLY, University of Florida

Some Theorems of Trade and General Equilibrium with Many Goods and Factors: A Comparative-Statics Analysis—WINSTON W. CHANG, S.U.N.Y., Buffalo

International Diversification by Financial and Direct Investment—ALAN M. RUGMAN, University of Winnepig

Optimal Portfolio Analyses of Multicommodity Stocking Arrangements—WALTER C. LABYS, West Virginia University

The Welfare Effects of Removing Tariff Restrictions on U.S. Footwear Imports—MICHAEL SZENBERG, JOHN W. LOMBARDI, and ERIC Y. LEE, Long Island University

The Pattern of Bilateral Trade Flows and Transport Costs: An Intertemporal Analysis—WILFRIED PREWO, University of Texas, Austin

Storage with Price Uncertainty in International Trade—GERSHON FEDER, International Bank for Reconstruction Development, RICHARD JUST and ANDREW SCHMITZ, University of California, Berkeley

**Discussion:** CHARLES BLITZER, World Bank, DILIP GHOSH, Ohio State University, Columbus

8:30 am Sheraton-Seaside—Ruby Room, Session No. 51 IRRA

An Evaluation of the Inter-University Study of Human Resources in National Development

Chairperson: JOHN P. WINDMULLER, Cornell University

Industrialism and Industrial Man in Retrospect: A Preliminary Analysis—JAMES L. COCHRANE, University of South Carolina

The Objectives and Development of the Study—CHARLES A. MYERS, Massachusetts Institute of Technology, CLARK KERR, University of California, Berkeley, JOHN T. DUNLOP, Harvard University

**Discussion:** EVERETT KASSALOW, University of Wisconsin, Madison, JOHN T. DUNLOP, Harvard University

8:30 am Sheraton-Seaside—Gold Room, Session No. 52 IRRA

New Ideas in Industrial Relations

Chairperson: DAVID LEWIN, Columbia University

Union Representation Elections: Empirical Findings and Proposed Policy Changes—JULIUS GETMAN, Stanford University

The Impact of Union Negotiated Job Security Provisions on the Inter-Industry Allocation of Labor—RICHARD BLOCK, Michigan State University

Impasse Arbitration in New York City Municipal Government: 1968-75: A Functional Analysis—MARY McCORMICK SCHOOLMAN, Columbia University and New York City Temporary Commission on City Finances

Theory, Policy Evaluation, and Methodology in Collective Bargaining Research—THOMAS A. KOCHAN, Cornell University

8:30 am
Haddon Hall Hotel—Pavilion Room, Session No. 12
SGE

## **Energy and Its Social Impacts**

Chairperson: PAMELA HADDY KACSER, Federal Energy Administration

The Impact of Energy Problems on Income Distribution—JILL KING, Mathematica, Inc.

The Changing Patterns of Energy Consumption in the U.S.—EUNICE GRIER, Washington Center for Metropolitan Studies

The Impact of Energy on Unemployment and Labor Force Participation Rates of Specific Population Sub-Groups—KELVIN HOLLENBECK and MYLES MAXFIELD, JR., Mathematica, Inc.

Analysis of Energy Problems and Policies of Social Impacts—WILLIAM BOWMAN, FRANK EGAN, ANN SILER, and JAMES HEWLETT, Federal Energy Administration

**Discussion:** BERNARD E. ANDERSON, University of Pennsylvania, STANLEY STEPHENSON, Pennsylvania State University

8:30 am Haddon Hall Hotel—Bakewell Room, Session No. 5 SGE

## Three Government Programs in Aid of the Unemployed

Chairperson: JOSEPH E. HIGHT, U.S. Department of Labor

The Effect of Extended Unemployment Insurance Benefits on Job Search and Reemployment Success—WALTER NICHOLSON and ADRIAN DILLON, Amherst College

The Employment Service and the Duration of Unemployment—ARNOLD KATZ, University of Pittsburgh

Short Term Indicators of Success in Manpower Training Programs— MICHAEL E. BORUS, Michigan State University and ROBERT S. GAY, Brooklyn College

**Discussion:** BARRY CHISWICK, U.S. Council of Economic Advisors, CHARLES C. HOLT, The Urban Institute, BURT S. BARNOW, U.S. Department of Labor and University of Pittsburgh

8:30 a.m.
Shelburne Hotel—Diamond Jim Brady Room. Session No. 30 URPE

Theories of Imperialism
Chairperson: To be announced

Recent Debates on Lenin's Theory of Imperialism DAVID LEVEY, Wayne State University

Discussion: To Be announced

8:30-10:15 a.m. Holiday Inn—Margate Rooms A & B ASE

**Presidential Breakfast** 

CHAIRPERSON: THOMAS J. HAILSTONES, Xavier University Environmental Constraints and Distribution—WARREN J. BILKEY, University of Wisconsin, Madison

9:00 am-12:00 pm
Haddon Hall Hotel—Room 1332
Committee on the Status of Women in the Economics Profession—
Open Room

Chairperson: BARBARA REAGAN, Southern Methodist University

10:30 am Haddon Hall Hotel—Rutland Room, Session No. 3 ACES

## **Contributions in Comparative Economics**

Chairperson: EDWARD AMES, S.U.N.Y., Stony Brook

Investment Decisions: The Soviet '1969 Standard' Versus the 'Universally Correct' Methods—FRANK A. DURGIN, JR., University of Maine

Economic Planning and Decentralization: Chinese Solutions to Russian Problems—BRUCE L. REYNOLDS, Union College

Oil, Religion, and Mercantilism: A Study of the Economic System of Saudi Arabia—ABDELALEEM M. SHARSHAR, Virginia Commonwealth University

Social Equality and Economic Efficiency: Some Major Unexplored Issues—LELAND G. STAUBER, Southern Illinois University at Carbondale

Discussion: To be announced

10:30 am Haddon Hall Hotel—Navajo Room, Session No. 11 AEA

## International Economics (Contributed Paper Session)

Chairperson: RICHARD C. MARSTON, University of Pennsylvania

The Role of Uncertainty in the Theory of International Economics: Recent Developments—ELHANAN HELPMAN and ASSAF RAZIN, Tel-Aviv University

A General Equilibrium Approach to Estimating the Allocative Costs of Protection—JAIME DE MELO, Agency for International Development

The IMF Gold Auction: The Bitter Fruits of Bretton Woods—JAMES G. WITTE and BARBARA HENNEBERRY, University of Indiana, Bloomington

**Discussion: PETER B. KENEN, Princeton University** 

10:30 am Haddon Hall Hotel—Derbyshire Room, Session No. 4 AEA

**Macro-Economics (Contributed Paper Session)** 

Chairperson: ALBERT ANDO, University of Pennsylvania

Keynesian Employment Functions for Canadian Manufacturing Industries—TIM HAZLEDINE, Agriculture Canada

Attacking Prolonged Inflation by the Coordinated Implementation of Wage-Price Controls with Contractionary Monetary Policy—ROBERT R. KELLER, Colorado State University

The Response of Private Interest Rates to Monetary and Debt Management Policies—SYDNEY SMITH HICKS, Florida State University

The Inflationary Implications of a Variable Pricing Policy—ROBERT A. SCHWARTZ and PAUL WACHTEL, New York University

**Discussion:** JAMES TOBIN, Yale University

10:30 am
Chalfont Hotel—Roberts Room, Session No. 20
AEA

Regulation Micro-Economic Policy (Contributed Paper Session)

Chairperson: ROGER SHERMAN, University of Virginia

Radio, Television, and the Campaign-Spending "Arms-Race": Theory and Evidence—BURTON A. ABRAMS and RUSSELL F. SETTLE, University of Delaware

Consumer Protection Regulation in the Ethical Drug Industry—HENRY G. GRABOWSKI and JOHN VERNON, Duke University

Economic Analysis of Low Probability Events—HOWARD KUNREUTHER, University of Pennsylvania

Externalities in a Regulated Industry: The Aircraft Noise Problem— JEROLD B. MUSKIN, Drexel University and JOHN A. SORRENTINO, Temple University

Discussion: F. M. SCHERER, Northwestern University

10:30 am Haddon Hall Hotel—Garden Room, Session No. 2 AEA, AAEE

## Natural Resource and Environmental Constraints on Growth

Chairperson: JOHN V. KRUTILLA, Resources for the Future

Long Run Impact of Energy Use on Climate—WILLIAM D. NORDHAUS, Yale University

Implications of Alternative Measures of Natural Resource Scarcity—GARDNER M. BROWN, University of Washington and BARRY FIELD, University of Massachusetts

Criteria for Intergenerational Welfare Comparisons—E. J. MISHAN, London School of Economics

**Discussion:** MANCUR OLSON, University of Maryland, V. KERRY SMITH, S.U.N.Y., Binghamton, ANTHONY C. FISHER, University of Maryland

10:30 am
Chalfont Hotel—Zodiac A and B, Session No. 23
AEA, ASGE

## Market Concentration and Implicit Subsidies in the Energy Industry

Chairperson: KENNETH E. BOULDING, University of Colorado

A Comprehensive Measurement of Concentration and Subsidies— JANOS HORVATH, Holcomb Research Institute, Butler University

Market Power and Implicit Subsidies in the Petroleum Industry—JOHN J. SIEGFRIED, Federal Trade Commission and Vanderbilt University

The Grant Equivalent of Entitlement Programs in Crude Oil Allocation—CALVIN T. ROUSH, Federal Trade Commission

Diversification of Oil Firms Into Other Forms of Energy—DONALD A. NORMAN, American Petroleum Institute

Effect of Subsidies in the Transportation Sector—MARK RODEKOHR, Federal Energy Administration

**Discussion:** SAMUEL M. LOESCHER, Indiana University, DOUGLAS W. WEBBINK, Federal Trade Commission, CHRISTIAN MARFELS, Dalhousie University

10:30 am Haddon Hall Hotel—Viking Theatre, Session No. 8 AEA, SGE

**Ethics in Government: The Economist's Responsibilities** 

Chairperson: HASKELL P. WALD, Federal Power Commission

Ethical Problems of the Economist in the Federal Service—LAWRENCE V. ASCH, Federal Power Commission

Professional Standards in the Performance of Government Economists—JOHN HENDERSON, Congressional Research Service

LEONARD SILK, The New York Times

Economist as Advocate—ALLEN FERGUSON, Public Interest Economics Center

**Discussion:** HENRY C. WALLICH, Board of Governors of the Federal Reserve System

10:30 am Haddon Hall Hotel—West Room, Session No. 7 AFA

**Business Finance and Capital Market Theory** 

Chairperson: STEWART C. MYERS, Massachusetts Institute of Technology

Term Structure with Uncertain Inflation—RICHARD BREALEY and STEPHEN SCHAEFER, London University

Dynamic Market Processes and the Rewards to Up-to-Date Information—AVRAHAM BEJA and NILS HAKANSSON, University of California, Berkeley

**Discussion:** ALAN KRAUS, University of British Columbia, IRWIN TEPPER, Harvard University

10:30 am-12:00 noon Haddon Hall Hotel—Pavilion Room, Session No. 12 AREUEA

## **Consumer Issues in Real Estate**

Chairperson: MICHAEL A. STEGMAN, University of North Carolina, Chapel Hill

Coping with Financially Distressed Multi-Family Housing Projects: The Legacy of Failure in the Federal Subsidy Programs—ROBERT KOLODNY, Columbia University

Public Policy for the Preservation of Capital in Older Neighborhoods—ROGER S. AHLBRANDT, JR., University of Pittsburgh

The Legal Aspects of Racial Redlining—JAY MULKEEN, National Committee Against Discrimination in Housing, Inc.

**Discussion:** CHARLES G. FIELD, Department of Housing and Urban Development, ROGER M. WINDSOR, Department of Housing and Community Development, City of Baltimore

10:30 am-12:00 noon Holiday Inn—Margate A and B ASE

ASE Business Meeting—Invitation Only

10:30 am Shelburne Hotel—Diamond Jim Brady Room, Session No. 30 ES

## **Econometric Studies of Health Care**

Chairperson: MICHAEL GROSSMAN, C.U.N.Y.

Medical Malpractice: A Model of Pretrial Settlements—J. A. LACHMAN, Vanderbilt University

The Effects of Insurance on Hospitalization Utilization and Costs: A Simultaneous-Equation Model—JACK WERNER and TEH-WEI HU, Pennsylvania State University, University Park

A Simultaneous-Equation Model of Mental Hospitalization—ROBERT J. MICHAELS, California State. Fullerton

Optimization by Numerical Methods of an Aggregate Dynamical Model of a Congested Medical Service System—MARK E. SCHAEFER, Georgia State and WILLIAM E. CONRAD, JR., Board of Governors of the Federal Reserve System

**Discussion:** CHARLES PHELPS, The Rand Corporation, DAVID SALKEVER, Johns Hopkins School of Hygiene

10:30 am Shelburne Hotel—Solarium, Session No. 35 ES

## **Recent Developments in Monopolistic Competition Theory**

Chairperson: HUGO SONNENSCHEIN, Northwestern University

Recent Developments in Monopolistic Competition Theory—STEVEN SALOP, Board of Governors of the Federal Reserve Board

**Discussion:** GERALD BUTTERS, Princeton University, MICHAEL SPENCE, Harvard University, ROBERT WILLIG, Bell Laboratories

10:30 am
Chalfont Hotel—Marine Room, Session No. 27
ES

## **Limited Dependent Variables**

Chairperson: RICHARD QUANDT, Princeton University

Estimating Disequilibrium Market Models by Iterative Least Squares—G. CHRISTIAN EHEMANN, Econometric Studies, Washington

Choice Among Estimators and Sample Designs in Discrete Choice Analysis—DANIEL McFADDEN, University of California, Berkeley and CHARLES F. MANSKI, Carnegie-Mellon University

The Tobit and Probit Models: Maximum Likelihood by Ordinary Least Squares—MICHAEL J. HARTLEY, S.U.N.Y., Buffalo

The Estimation of Simultaneous Probability Models—CHARLES D. MALLER, Johns Hopkins

**Discussion:** ROBERT HALL, Massachusetts Institute of Technology, DAVID WISE, Harvard University

10:30 am Chalfont Hotel—Vaux Hall Room, Session No. 26 ES

## **Metropolitan Transportation and Locational Decisionmaking**

Chairperson: BRITTON HARRIS, University of Pennsylvania

The Effects of Children on Residential Site Choice—PETER LINNEMAN, University of Chicago

The Estimation of Spatial Labor-Supply Functions—ROBERT MOFFITT, Mathematica Policy Research

A General Equilibrium Model of Location and Pricing under Free Entry—DENNIS CAPOZZA and ROBERT VAN ORDER, University of Southern California

Non-Price Determinants of Modal Choice Decisions: An Econometric Analysis—V. KERRY SMITH, S.U.N.Y., Binghamton, and MARTIN WILLIAMS, Northern Illinois University

An Equilibrium Model of Urban Population and the Distribution of Income—SHELDON DANZIGER and JOHN YINGE, University of Wisconsin

**Discussion:** GREG INGRAM, Harvard University, WILLIAM WHEATON, Massachusetts Institute of Technology

10:30 am Haddon Hall Hotel—Tower Room, Session No. 9 ES

## Wage-Price Subsystem of the Economy

Chairperson: JOHN GEWEKE, University of Wisconsin

A Random Coefficient Approach to the Price Equation—ARTHUR KRAFT, University of Nebraska, JOHN KRAFT, Federal Energy Administration, and JAMES BARTH, George Washington University

The Effect of Material Cost on Inflation in the U.S. Manufacturing Industries—JAE WAN CHUNG, George Mason University

The Wage-Price Subsystem of the Economy, the Effects of Productivity and Monetary Policy and a Test of the Accelerationist Hypothesis—B. R. KOLLURI, S.U.N.Y., Buffalo

A Time Series Analysis of the Real Wages-Employment Relationship—SALIH NEFTCI, George Washington University

**Discussion:** GARY FROMM, National Bureau of Economic Research, DAVID WYSS, Board of Governors of the Federal Reserve System

10:30 am Sheraton-Seaside—Ruby Room, Session No. 51 IRRA

## **Industrial Conflict Resolution**

Chairperson: DOUGLAS SOUTAR, American Smelting and Refining Co.

Organizational Behavior and Industrial Relations: Divergent Approaches to Conflict Resolution—GEORGE STRAUSS, University of California, Berkeley

Mixing Adversary Relations With the Collaborative Ethic—KENNETH THOMAS, U.C.L.A.

Quality of Work Life: Opportunity For a New Approach to Conflict Resolution—RICHARD WALTON and LEONARD SCHLESINGER, Harvard University

**Discussion:** JAMES KUHN, Columbia University, NAT WEINBERG, Retired from UAW

10:30 am Sheraton-Seaside—Gold Room, Session No. 52 IRRA

## **Collective Bargaining Systems**

Chairperson: ELI ROCK, Arbitrator, Philadelphia

Collective Bargaining As An Institution—A Long View—JACK BARBASH, University of Wisconsin, Madison

Nascent Collective Bargaining: Baseball—JAMES G. SCOVILLE, University of Illinois

**Discussion:** DAVID B. LIPSKY, Cornell University, PETER SEITZ, Arbitrator, New York City

10:30 am Chalfont Hotel—Parlor A, Session No. 24 NAESA

Trade, Investment and Prices: Canada and the OECD

Chairperson: JOSEPH HORTON, Slippery Rock State College

Trade Creation and Trade Diversion Under Canadian Tariff Preferences—J. AHMAD, Concordia University

Regulation of Foreign Investment in Canada by FIRA—ALAN M. RUGMAN, University of Winnipeg

Money, Prices and Incomes in OECD Countries: Simple Tests of Friedman's Policy Advice—HENRY N. GOLDSTEIN, University of Oregon

**Discussion:** JAMES CLAY, Slippery Rock State College, JOHN SAUTER, Federal Executive Institute, F. STEB HIPPLE, U.S. Department of Commerce

10:30 am
Chalfont Hotel—Blue Room, Session No. 21
NTA/TIA

Teaching of Public Finance—Round Table Discussion

Chairperson: WALLACE OATES, Princeton University

Speakers: JOHN DUE, University of Illinois, BRUCE HAMILTON, Johns Hopkins University, PEGGY MUSGRAVE, Northeastern University, WILLIAM OAKLAND, Ohio State University, MARK PAULY, Northwestern University, NEIL SINGER, University of Maryland, WILLIAM VICKREY, Columbia University

10:30-12:00 a.m. Holiday Inn—Margate Rooms A & B ASE

**Business Meeting** 

Chairperson: WARREN J. BILKEY, University of Wisconsin, Madison

12:30 pm Haddon Hall Hotel—Mandarin Room ASSA

ASSA 1976–1977 Local Arrangements Committee Luncheon—Invitation Only

2:00 p.m. Haddon Hall Hotel—Garden Room, Session No. 2 URPE

## **Health Economics**

Chairperson: To be announced

State Licensing of Physicians: An Early Liberal Reform—SAM BAKER,

Harvard University

Discussion: To be announced

2:30 pm Chalfont Hotel—Zodiac Room A, Session No. 23 ES

## **Econometric Industry Models**

Chairperson: JAMES M. GRIFFIN, University of Pennsylvania

The U.S. and World Zinc Industry: An Econometric Study of Consumption, Production, Prices, and Inventories—DAVID CAVENDAR, University of Iowa

An Econometric Analysis of the Market for Consumer Credit—MICHAEL AHO, JAMES BARTH, JOSEPH CORDES and ANTHONY YEZER, George Washington University

A Model of the Private Gold Market: A Flow Analysis—ICHIRO OTANI and LESLIE LIPSCHITZ, International Monetary Fund

A Model of the World Copper Market—ALFREDO DAMMERT and DAVID KENDRICK, University of Texas, Austin

**Discussion:** ART ROLNIK, Federal Reserve Bank of Minneapolis, DAVID L. McNICHOL, Council of Economic Advisers

2:30 pm Chalfont Hotel—Blue Room, Session No. 21 ES

## **Errors in Measurement of Macroeconomic Variables**

Chairperson: F. GERARD ADAMS, University of Pennsylvania

Adaptive Control of a Macroeconometric Model with Measurement Errors—DAVID KENDRICK, University of Texas, Austin

Inflation Induced Distortions in National Income Accounting—JEREMY SIEGEL, University of Pennsylvania

Reconciling Measures of Employment—J. ANTOS, A. BARKUME, W. MIXON, U.S. Bureau of Labor Statistics

A Study of Alternative Measures of Normal Income—DAVID HORNER, Mathematica Policy Research

Observation Error and Optimal Stabilization Policy—WILLIAM E. CONRAD, JR., Board of Governors of the Federal Reserve System

**Discussion:** DONALD TUCKER, Board of Governors of the Federal Reserve System, CARL PALASH, Federal Reserve Bank of New York

2:30 pm Chalfont Hotel—Roberts Room, Session No. 20 ES

### **Functional Forms in Econometric Models**

**Chairperson:** RICHARD BERNER, Board of Governors of the Federal Reserve System

Aggregate Translog Demand, the Micro Efficiency Distribution, and Dichotomous Micro Demand—ANTHONY G. LAWRENCE, Palo Alto, CA

An Econometric Test for Aggregable Cost of Living Subindices— RICHARD BOYCE and DANIEL PRIMONT, Data Resources, Inc.

On the Choice of Functional Forms—ELIE APPLEBAUM, University of Washington, Seattle

The Restrictiveness of the Rotterdam Model: A Recalcitrant Myth—W. A. BARNETT, Board of Governors of the Federal Reserve System

**Discussion:** DALE HEIEN, Rockville, MD, ARNE GABRIELSON, University of Chicago, JACK TRIPLETT, Bureau of Labor Statistics

2:30 pm Haddon Hall Hotel—Derbyshire Room, Session No. 4 ES

## Noncompetitive Market Structures: Quality and Information

Chairperson: T. R. SAVING, Texas A and M

Product Safety: Liability Rules, Market Structure, and Imperfect Information—DENNIS EPPLE, and ARTUR RAVIV, Carnegie-Mellon University

Qualitative Information, Reputation, and Monopolistic Competition—MICHAEL R. DARBY, University of California, Los Angeles

Durable Goods, 'Replacement Parts,' and Strategies for Dealing with Quality Uncertainty—ROBERT J. REYNOLDS, Economic Policy Office, Anti-Trust Division

Franchised Dealers vs. Factory Stores—TIMOTHY W. McGUIRE and RICHARD STAELEN, Carnegie-Mellon University

**Discussion:** WALTER Y. OI, University of Rochester, JOHN RILEY, University of California, Los Angeles

2:30 pm Haddon Hall Hotel—Navajo Room, Session No. 11 ES

## Income and Urban Housing: The Impact of Public Policy

Chairperson: GREG INGRAM, Harvard University

Participation Models in a Housing Subsidy Experiment—T. K. KUMAR and STEPHEN KENNEDY, ABT Associates, Inc.

The Benefits and Costs of Public Housing in New York City—DAVID M. BARTON, Cornell University and EDGAR O. OLSEN, University of Wisconsin

Housing Responses to a Housing Gap Type of Housing Allowance— JOSEPH FRIEDMAN, ABT Associates, Inc.

Aggregation Bias and the Demand for Housing—BARTON A. SMITH, University of Houston

Price and Income Elasticities of Housing Demand: Evidence from the Housing Allowance Demand Experiment—STEPHEN K. MAYO, ABT Associates

**Discussion:** BRITTON HARRIS, University of Pennsylvania, WILLIAM WHEATON, Massachusetts Institute of Technology

2:30 pm Haddon Hall Hotel—Pavilion Room, Session No. 12 ES

## **Game Theory**

Chairperson: JOHN ROBERTS, Northwestern University

Core and Competitive Equilibrium in a Private Ownership Economy with Money—S. TAKEKUMA, University of Rochester

Competitive Firm Structures and Price Equilibria in a Large Production Economy—A. YAMAKAZI, University of Rochester

On the Core of an Economy Whose Atoms Are Not 'Too' Big—M. A. KHAN, Johns Hopkins University

Size is Power-R. GARDNER, Iowa State University

Use of the Shapley Value in a Simple Model From Labor and Developmental Economics—C. SPATT, University of Pennsylvania

**Discussion:** ITZHAK ZILCHA, Hebrew University and University of Illinois, Urbana, DONALD RICHTER, Boston College

## **INDEX OF ADVERTISERS**

Academic Press	162–163
American Enterprise Institute	168
American University Press Services	172
Basic Books	160–161
The Brookings Institution	148
Cambridge University Press	152-153
Columbia University	140–141
Harper & Row, Publishers	154–155
Harvard University Press	156-157
D. C. Heath, College Division	170
Holmes & Meier, Publishers, Inc	176
Houghton Mifflin Company	171
Imported Publications, Inc	174
Institute for Scientific Information	150
International Arts & Sciences Press, Inc	166–167
International Labor Office	150
Richard D. Irwin, Inc	146-147
The Johns Hopkins University Press	164–165
McGraw-Hill Book Company	158-159

North-Holland Publishing Company Opposite Inside back Cove	;1
W. W. Norton179	5
Organization for Economic Cooperation and	
DevelopmentOutside Back Cove	r
Oxford University Press	9
Penguin Books17	7
Prentice-Hall, Inc.—Winthrop Division15	1
Resources for the Future	5
W. B. Saunders Company	5
South-Western Publishing Company13	1
The University of Chicago Press14	2
The University of Michigan Press17	7
Urban Institute	er
Wadsworth Publishing Co., Inc17	3
West Publishing Company144-14	5
Wiley	9
John Wiley & Sons, Inc14	3
Yale University Press16	9

## Welcome to Atlantic City



## SOUTH-WESTERN PUBLISHING CO.

Cincinnati, OH 45227 • Dallas, TX 75229 • Palo Alto, CA 94304 • West Chicago, IL 60185 Pennam Manor, NY 10803 • Brighton, England

# LINDAUER: ECONOMICS

## A Modern View

Designed for one- or two-semester principles courses, this comprehensive, highly-readable treatment of modern economics will make other texts obsolete. Extensively class-tested, it presents all the traditional material—plus thought-provoking coverage of topics such as: location theory; alternatives to profit maximization; actual pricing practices and strategies; technostructure control; international factor movements as an alternative to trade; major theories and strategies of growth; and many, many more of the things economists are talking about today.

Students will be attracted by its relevance and wit; instructors by its clarity, flexible organization and teachability. Both will appreciate its lively discussions of current ideas, problems and policies. A particular effort is made to show the universal relevance and applicability of modern economics to all money-using economies regardless of governmental philosophy or stage of development.

Supplementing the text, a **models book** by Ivy Papps and William Henderson; a **study guide** by Bernard J. Luskin and Thomas Tresher; a **readings book** by James F. Crawford; and a valuable **instructor's manual** and **test bank** will all be available. Together, they provide a complete, modern teaching package in economics.

By John H. Lindauer. About 750 pp., 600 ill. Ready January 1977. About \$14.95.



Stop by at Booth #17 for your complimentary Academic Year Pocket Calendar

W.B. Saunders Company Philadelphia

# "Next Generation" Economics is on the horizon



## LINDAUER: ECONOMICS

A Modern View

## BYARS & MESCON: The Other Side of Profit

Noted business and government leaders give frank, detailed appraisals of specific corporate programs designed to affect change that benefits society, employees and the company itself.

Edited by Lloyd L. Byars and Michael H. Mescon, both of Georgia State Univ.; with 10 contributors. 160 pp. Soft cover. \$4.95. April 1975.

## **MINER:** The Challenge of Managing

Designed to develop the skills and motivation necessary for effective management, this "how-to" guide provides carefully-constructed methods for analyzing present and potential problems, determining causative factors, establishing corrective objectives, and initiating workable solutions. Upon adoption of the text, you will receive a complimentary copy of Miner's Case Analyses and Description of Managerial Role-Motivation Training, a valuable instructor's manual.

By John B. Miner, Georgia State Unv. 348 pp. Soft cover. \$7.95. Aug. 1975.

## PAINE & NAUMES: Organizational Strategy and Policy: Text Cases and Incidents

This instructive sourcebook offers a practical system for gathering, correlating and analyzing pertinent data. It enables a student to formulate his own workable policies and apply them in a wide range of business and organizational situations. An **Instructor's Manual** is available.

By Frank T. Paine, Univ. of Maryland; and William Naumes, Temple Univ. 854 pp. Illustd. \$16.95. July 1975.

## PAINE & NAUMES: Strategy and Policy Formation:

An Integrative Approach

Using a problem-oriented approach, this inexpensive supplement enables students to deal with specific strategy situations and to analyze an organization's environment and policy-generating structure.

By Frank T. Paine, Univ. of Maryland; and William Naumes, Temple Univ. 296 pp. Illustd. Soft cover. \$6.50. Jan. 1974.

## O'DONNELL & MALEADY: Principles of Real Estate

Offering a comprehensive introduction to the real estate field, this single, unified textbook covers law, finance, mathematics, listing and closing principles, and proven professional techniques. A 96-page Real Estate Dictionary will be sent free on adoption of the text. An extensive Instructor's Manual is also available.

By **Paul. T. O'Donnell** and **Eugene L. Maleady**, both of the Hall Institute of Real Estate. 610 pp. \$13.95. July 1975.

## W. B. Saunders Company

West Washington Square, Philadelphia, Pa. 19105

## **METCALF & TITARD: Principles of Accounting**

Principles of Accounting skillfully integrates financial and managerial accounting into one total picture. Its bright, two-color format and variety of graphs help students visualize accounting theory more easily. Designed for flexibility, the text allows you to select topics and sequencing to suit your own course requirements—at no loss to the student. To supplement your teaching, a study guide, working papers, practice sets, a readings book, a solutions manual, television programs, an audio workbook and audio cassettes, all designed to accompany Principles of Accounting, are also available.

By Richard W. Metcalf and Pierre L. Titard, both of the Univ. of Nebraska, Lincoln. 1023 pp. Illustd. in two colors. \$15.95. Jan. 1976.

## **METCALF & TITARD: Introduction to Accounting**

If you like the idea of combining financial and managerial accounting in one text but only need a book designed for a one-semester course, then **Introduction to Accounting** is for you. It follows the same format as the two-semester text and is based on the same principles. Once again you have the option of designing your own course by altering the chapter sequence. Again you can supplement your teaching with a variety of auxiliary texts and audiovisuals which are available in shorter versions to accompany **Introduction to Accounting.** 

By Richard W. Metcalf and Pierre L. Titard, both of the Univ. of Nebraska, Lincoln. 598 pp. Illustd. in two colors. \$11.95. Aug. 1975.

## **HODGETTS: Management:** Theory, Process and Practice

Here's a book that gives students a necessary appreciation of the history of management, of modern schools (process, quantitative, behavioral), and of the relevance of the systems concept to modern management theory. Four short case studies at the end of each chapter illustrate the practical applications and implications of management theory. Marginal comments and a variety of illustrations clarify key points. Material is presented in terms easily understandable at an introductory level. Transparency masters are available upon adoption. An extensive **Instructor's Manual** is also available.

By Richard M. Hodgetts, Univ. of Nebraska. 603 pp. 162 ill. \$12.95. Jan. 1975.

## HOWE & HODGETTS: Study Guide to accompany Management

By Richard L. Howe, Orange Coast College; and Richard M. Hodgetts, Univ. of Nebraska. 256 pp. (plus 240 flash cards). Soft cover. \$5.95. April 1975

## HOLLINGSWORTH & HODGETTS: Readings in Basic Management

By A. Thomas Hollingsworth, Univ. of South Carolina; and Richard M. Hodgetts, Univ. of Nebraska. 288 pp. Illustd. Soft cover. \$6.95. June 1975.

See our complete line of business texts at Booth #17.

## New Books in Economics from Oxford University Press

## **Leading Issues in Economic Development**

**Third Edition** 

Edited by Gerald M. Meier, Stanford University

This fresh and well-integrated course book, now in its third edition, emphasizes the strategic policy issues in accelerating the development of poor countries. It makes readily accessible a wide range of theoretical, applied, and policy materials with the inclusion of writings by foremost development economists, and selections from government reports, international conferences and research studies.

Professor Meier, acting as editor, annotator, and author, has extensively revised and rewritten the text in response to changes in development analysis, events, and policies. The "leading issues" now coalesce in a central theme: policies designed to eradicate poverty, reduce inequality, and deal with the problems of unemployment. New chapters have been added to illuminate this theme and two-thirds of the selections in this edition are new.

1976

864 pp. paper \$11.00

## **Inflation**

John Flemming, University of Oxford

This book is an objective general account of the complex process of inflation. Part I concentrates on inflation as a monetary matter. The second part focuses on the labor market. Questions relating to policy choices are treated in the third part of the book. The author has attempted to give a coherent synthesis of the many partial explanations of inflation.

1976

192 pp.; illus. cloth \$16.25 paper \$3.75

Prices and publication are subject to change.



## The Glasgow Edition of the Works and Correspondence of Adam Smith

Adam Smith (1723-90) produced in the *Wealth of Nations* the first, and perhaps the most influential, systematic treatise of classical economics. To celebrate the 1976 bicentenary of *Wealth of Nations*, the University of Glasgow has commissioned a complete and definitive six-volume edition of Smith's works and correspondence.

## **Volume I: The Theory of Moral Sentiments**

Edited by D.D. RAPHAEL and A.L. MACFIE. Smith's first work is not only an important work of moral philosophy but also foreshadows the widening interests in economics, sociology, politics, and law that he took up in his later works. This is the first scholarly edition in English.

1976

750 pp.

\$34.50

## Volume II: An Inquiry into the Nature and Causes of the Wealth of Nations

Edited by R.H. CAMPBELL; A.S. SKINNER; and W.B. TODD, University of Texas. The text presented here is that of the third edition of 1748, the one most extensively revised by Smith. The editors have provided an introduction and copious references which act as a guide to the text. "No serious work will be possible in future without access to this edition."—*Times Literary Supplement* 

1976

1082 pp. in two volumes

\$62.50

### Forthcoming volumes in the series:

Volume III: Essays on Philosophical Subjects (And Miscellaneous Pieces), edited by W.P.D. WIGHTMAN. Volume IV: Lectures on Rhetoric and Belles Lettres, edited by J.C. BRYCE. Volume V: Lectures on Jurisprudence, edited by R. L. MEEK, D.D. RAPHAEL, and PETER STEIN. Volume VI: Correspondence of Adam Smith, edited by E.C. MOSSNER, University of Texas; and I.S. ROSS.

Volumes published in association with the series:

## **Essays on Adam Smith**

Edited by ANDREW S. SKINNER and THOMAS WILSON. "This splendid, scholarly and variegated collection of essays commemorating the bicentenary of 'The Wealth of Nations' reminds us of how much in depth as well as scope we miss because of the narrowing of vision of modern social scientists."—The Economist

1976 664 pp. \$37.50

## Life of Adam Smith

I.S. ROSS. Forthcoming

OXFORD UNIVERSITY PRESS

Prices and publication dates are subject to change.

200 Madison Avenue, New York, N.Y. 10016



## International Economic Relations of the Western World 1959-1971

Edited by **Andrew Shonfield**; assisted by **Hermia Oliver** (Royal Institute of International Affairs)

**Volume 1: Politics and Trade** 

Andrew Shonfield, G. & V. Curzon, T. K. Warley, and George Ray

976 476 pp.; tables

**Volume 2: International Monetary Relations** 

Susan Strange; with an essay on "Finance for Developing

Countries" by Christopher Prout

1976 428 pp. \$28.75

The Erosion of a Relationship: India and Britain since 1960
Michael Lipton and John Firn. (Royal Institute of International Affairs)

\$28.75

\$32.50

1976 448 pp.; 188 tables

**Mathematical Theory in Soviet Planning**Concepts, Methods, Techniques

Alfred Zauberman. (Royal Institute of International Affairs)

1976 480 pp. \$42.50

Japan: An Economic Survey 1953-1973
Andrea Boltho. (Economies of the World)

1976 222 pp.; 9 figs.; 17 tables \$12.50

**Optimization in Economic Theory** 

A. K. Dixit

1976 100 pp.; 13 figs. \$8.60

The Theory of Equilibrium Growth

A. K. Dixit

1976 176 pp.; 24 figs. \$10.50

Wage Issues in a Developing Economy

The Indian Experience

A. J. Fonesca

1976 280 pp. \$8.25

India: The Energy Sector

P. D. Henderson. (Published for the World Bank)

1976 208 pp.; 67 tables; map \$4.75

**Macroeconomic Themes:** Readings in Macroeconomics

M.J.C. Surrey

1976 500 pp.; 61 figs.; 3 charts cloth \$13.80 paper \$5.75

Readings on Malaysian Economic Development

Edited by David Lim. (Oxford in Asia University Readings)

1976 436 pp.: 135 tables: 23 figs.: charts \$25.50

Prices and publication dates are subject to change.



Now on exhibit at the Oxford booth.

OXFORD UNIVERSITY PRESS 200 MADISON AVENUE NEW YORK N Y 10016



**Reckoning with Slavery** 

Critical Essays in the Quantitative History of American Negro Slavery

Edited by **Paul A. David**, Stanford University. 

The authors of this "imposing collaborative effort" (New York Review of Books) charge that the "startling new discoveries". Fogel and Engerman claimed in Time on the Cross are based on inconclusive or nonexistent evidence improperly analyzed. Economists Paul David, Peter Temin, Richard Sutch, and Gavin Wright and historians Kenneth Stampp and Herbert Gutman attack Time on the Cross on its own methodological grounds. Their essays demonstrate that proper use of cliometric methods leads directly away from the benign view of slavery that Fogel and Engerman's study presented.

1976

352 pp. cloth \$15.00 paper, A Galaxy Book (GB 463) \$4.50

## The Joyless Economy

An Inquiry into Human Satisfaction and Consumer Dissatisfaction

Tibor Scitovsky, Stanford University. □ The American consumer, like consumers everywhere, is more than a shopping cart. Yet economists have ignored the whole person and measure human satisfaction merely by what we buy. The Joyless Economy attacks this distortion by probing our needs for comfort, stimulation, and pleasure, which we seek in food, clothing, work, drugs, sex, violence, vacations, and much else. With the aid of recent research in physiological psychology, the author reduces the great variety of human desires to a few common elements by a method that is based on experimental data and illustrated by examples ranging from vacations to the amount of garbage we throw away, from the way we ride escalators to our habits of shopping.

"Informed, civilized, and very inducive of thought."

–John Kenneth Galbraith

"This is a truly important [book] to read and teach from. We as economists would do well to reformulate our conventional modes of thought in light of Scitovsky's findings."—Harvey Leibenstein, Harvard University

"A superb book, full of insights and vignettes that are immensely stimulating....It will create quite an impact."—Jagdish Bhagvati, Massachusetts Institute of Technology

1976

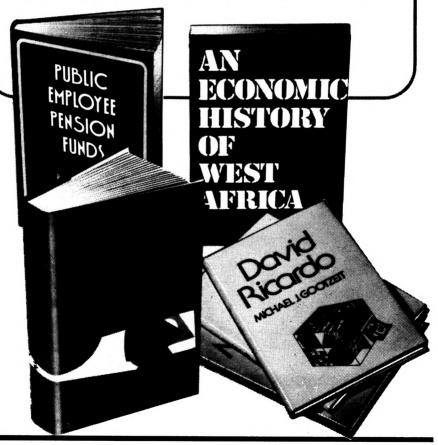
336 pp.

\$11.95



OXFORD UNIVERSITY PRESS 200 MADISON AVENUE NEW YORK, N Y 10016

## Visit US Cat Booth 公公



THE TREATMENT
OF MARKET POWER:
ANTITRUST, REGULATION,
AND POSTORER
ANTITRUST OF THE POSTORER
ANTITUTE OF THE POSTORER
ANTITRUST OF THE POSTORER
ANTI

William G. Shepherd. \$15.00

THE POVERTY CURTAIN: CHOICES FOR THE THIRD WORLD

Mahbub ul Haq.

\$12.50 cloth, \$5.95 paper

POLITICAL ECONOMY: PAST AND PRESENT

Lord Robbins.

October, \$12.50

COLLECTIVE BARGAINING: LABOR RELATIONS IN STEEL—THEN AND NOW

I. W. Abel. \$6.95

SQUEAKING BY: U.S. ENERGY POLICY SINCE THE EMBARGO

Richard B. Mancke. \$8.95

SHARING THE WORLD'S RESOURCES

Oscar Schachter. November, \$7.95

PUBLIC EMPLOYEE
PENSION FUNDS:
A TWENTIETH CENTURY
FUND REPORT

Robert Tilove.

\$20.00

PENSION PLANS AND PUBLIC POLICY

William C. Greenough and Francis P. King.

\$17.50

Columbia Essays on The Great Economists

**DAVID RICARDO** 

Michael J. Gootzeit. \$7.50 cloth, \$1.95 paper

J. M. CLARK C. Addison Hickman.

\$7.50 cloth, \$1.95 paper

JOHN MAYNARD KEYNES

Hyman P. Minsky.

\$12.00 cloth, \$2.95 paper

**Paperback Editions** 

ECONOMIC DEVELOPMENT IN EAST-CENTRAL EUROPE IN THE 19th AND 20th CENTURIES

Iván T. Berend and György Ránki. October, \$7.50

AN ECONOMIC HISTORY OF WEST AFRICA

Anthony G. Hopkins. \$6.50

National Bureau of Economic Research

HOUSEHOLD PRODUCTION AND CONSUMPTION

Nestor J. Terleckyj, Editor. \$20.00

EDUCATION AS AN INDUSTRY

Dean T. Jamison, Joseph N. Froomkin, and Roy Radner, Editors. \$17.50

LONG SWINGS IN URBAN DEVELOPMENT Manuel Gottlieb. \$15.00

THE FORMATION AND STOCKS OF TOTAL CAPITAL

John W. Kendrick, assisted by Yvonne Lethem and Jennifer Rowley. \$15.00



## COLUMBIA UNIVERSITY PRESS

Address for orders: 136 South Broadway, Irvington, New York 10533

## The University of Chicago PRESS

## Fall '76

OIL RESOURCES
Who Gets What How?
Kenneth W. Dam
208 pages Cloth \$11.95

LAW, LEGISLATION AND LIBERTY Volume 2: The Mirage of Social

Justice F. A. Hayek 240 pages Cloth \$10.00

## Now in Paper

WOMEN AND
THE WORKPLACE
The Implications of Occupational
Segregation
Edited by Martha Blaxall
and Barbara B. Reagan
312 pages Paper \$3.95

AN INOUIRY INTO THE

NATURE AND CAUSES OF THE
WEALTH OF NATIONS
Adam Smith
Edited and with an Introduction,
Notes, Marginal Summary, and
Index by Edwin Cannan
With an Introduction by
George J. Stigler
1040 pages Paper \$8.95

LESSONS FROM JAPANESE DEVELOPMENT An Analytical Economic History

> Allen C. Kelley and Jeffrey G. Williamson xvi, 286 pages Paper \$5.95

THE ECONOMIC APPROACH TO HUMAN BEHAVIOR Gary S. Becker Cloth TBA

THE VALUE OF LIFE M. W. Jones-Lee 184 pages Cloth \$13.00

URBAN SLAVERY IN THE AMERICAN SOUTH, 1820–1860 A Quantitative History Claudia Dale Goldin 192 pages Cloth \$12.95

POLITICS, ECONOMICS, AND WELFARE Planning and Politico-Economic Systems Resolved into Basic Social Processes Robert A. Dahl and Charles E. Lindblom 592 pages Paper \$6.95

BUSINESS, BANKING, AND ECONOMIC THOUGHT IN LATE MEDIEVAL AND EARLY MODERN EUROPE Raymond de Roover Edited by Julius Kirshner viii, 384 pages Paper \$4.95

THE ROAD TO SERFDOM Friedrich A. Hayek With a new Preface by the author Paper \$3.95

Chicago 60637

Visit Our Booth

# Wiley's Believe-it-or-not:

## Exciting, relevant, dynamic statistics

STATISTICS MADE RELEVANT A Casebook of Real-Life Examples

Paul Baum & Ernest M. Scheuer, both of California State University, Northridge Now you can make statistics more exciting—and less painful—for your students. This text gives them 48 challenging, real-life problems drawn from such diverse sources as the news media, the New England Journal of Medicine, and the gambling casinos of Las Vegas. Instructor's Manual available. 1976 217 pp. \$5.95

## **ELEMENTARY STATISTICS, 4th Ed.**

Paul G. Hoel, University of California, Los Angeles

Help your students make an easy transition from a limited mathematical background into the functioning world of statistics. Presenting statistics as they apply to current problems, this updated edition features a chapter on multiple regression; new topics in parametric statistics; and comments and examples related to the computer. Workbook and Solutions Manual available. A volume in the Wiley Series in Probability and Mathematical Statistics 1976 361 pp. \$12.95

## **DECISIONS WITH MULTIPLE OBJECTIVES**

**Preferences and Value Tradeoffs** 

Ralph L. Keeney, International Institute for Applied Systems Analysis, Austria, & Howard Raiffa, Harvard University

This applications-oriented book describes how a confused decision maker, who wishes to make a reasonable and responsible choice among alternatives, can systematically probe his/her true feelings in order to make those critically important, vexing tradeoffs between incommensurable objectives. It illustrates the theory with many concrete examples taken from a host of disciplinary settings, and widens the range of applicability of decision analysis. A volume in the Wiley Series in Probability and Mathematical Statistics Fall 1976 approx. 616 pp. \$18.95 (tent.)

**STATISTICS: A Beginning** 

Roy R. Kuebler, Jr., *University of North Carolina, Chapel Hill,* & Harry Smith, Jr., *City University of New York* 

Here's an elementary but solid introduction to data analysis—showing how to calculate odds, make decisions, and talk back to statisticians. Based on the idea that the operational meaning of probability can be grasped without all the customary detail, the text makes the study of statistical inference precise and rapidly applicable. Instructor's Manual available.

Fall 1976 approx. 352 pp. \$10.95 (tent.)

See these and other fine texts at the Wiley booths. To be considered for complimentary examination copies, write to Robert McConnin, Dept. A 5687.



JOHN WILEY & SONS, Inc. 605 Third Avenue, New York, N.Y. 10016 In Canada: 22 Worcester Road, Rexdale, Ontario Prices subject to change without notice.

A 5687-11

## TOP TEXT CHOICES FOR FALL

ECONOMICS

New '76-77 Edition
CASEBOOK OF ECONOMIC PROBLEMS AND
POLICIES

Rendigs Fels, Vanderbilt University Robert G. Uhler, Federal Power Commission

A best-seller—adopted by over 170 schools! Macro- and Micro-economics cases.

204 Pages Paper

Published 1976 \$5.95

**ECONOMIC ISSUES FOR CONSUMERS** 

Roger LeRoy Miller, University of Miami
An instant best-seller—already adopted by over 120 schools!

494 Pages Cloth Published 1975 \$13.95

PRICES AND MARKETS: MICROECONOMICS Charles W. Baird, California State University

FINANCE

MANAGERIAL FINANCE: ESSENTIALS

Charles Kroncke, University of Wisconsin, Madison Erwin E. Nemmers, Northwestern University Alan E. Grunewald, Michigan State University 550 Pages Cloth Published 1976 \$14.95

Published 1975

Instructor's Manual available

Cloth

STUDY GUIDE FOR MANAGERIAL FINANCE: ESSENTIALS

Malcolm Richards, Texas A & M University
222 Pages Paper Published 1976 \$5.95

CASES IN FINANCIAL MANAGEMENT
Vincent P. Apilado, Arizona State University
Jerry Poe, Arizona State University
J. R. Ezzell, The Pennsylvania State University
R. Burr Porter, Southern Methodist University
In Press 225 Pages (t.) Pager \$7.95 (t.)

**FUNDAMENTALS OF INVESTMENTS**Richard Stevenson and Edward Jennings, University of Iowa

555 Pages Cloth Published 1976 \$12.95 Instructor's Manual available

INVESTMENT ENVIRONMENT, ANALYSIS AND ALTERNATIVES: A BOOK OF READINGS
Richard Stevenson and Susan M. Phillips, University of Iowa

In Press 350 Pages (t.) Paper \$6.95 (t.)

## BUSINESS

## ORGANIZATIONAL BEHAVIOR: CONTINGENCY VIEWS

Don Hellriegel, Texas A & M University John W. Slocum, Jr., Penn State University 500 Pages Cloth Published 1976: \$13.95

### ORGANIZATION DEVELOPMENT AND CHANGE

Edgar F. Huse, Boston College

448 Pages Cloth Published 1976 \$14.95

### **ORGANIZATION BEHAVIOR IN ACTION**

William C. Morris, Northeast Missouri State Univ. Marshall Sashkin, Wayne State University
292 Pages Paper Published 1976 \$10.95

## ORGANIZATION AND PEOPLE: READINGS, CASES AND EXERCISES IN ORGANIZATIONAL BEHAVIOR

J. B. Ritchie and Paul Thompson, Brigham Young University

453 Pages Paper Published 1976 \$10.95

## QUANTITATIVE

### FORTRAN FOR HUMANS

Richard L. Didday, Univ. of California, Santa Cruz Rex L. Page, Colorado State University 430 Pages Paper Published 1974 \$9.50

### AN INTRODUCTION TO MANAGEMENT SCIENCE

David Anderson, Dennis Sweeney, and Thomas Williams, University of Cincinnati
630 Pages Cloth \$15.95

### PROBLEM SOLVING WITH BASIC

Michael Boillot and L. Wayne Horn, Pensacola Junior College
273 Pages Paper Published 1976 \$6.95

BASIC STATISTICS: A REAL WORLD APPROACH

Vincent Cangelosi, Louisiana State University Phillip H. Taylor, University of Arkansas Phillip F. Rice, Louisiana Tech University 432 Pages Cloth Published 1976 \$14.95

Write for more information today!



Larry Schneider West Publishing Company 50 W. Kellogg Blvd. St. Paul, MN 55102



## VOLUME XII - 1970 INDEX of ECONOMIC ARTICLES

Prepared under the auspices of

The Journal of Economic Literature of the American Economic Association

This new volume in the *Index* lists, both by subject and author, articles in 220 major economic journals and in collective volumes published during 1970. It also lists articles or testimony from selected congressional hearings or prints (i.e. government documents). Much of the material cannot be found in any other single reference source.

Volume XII is linked in scope and content to the earlier volumes, *Index of Economic Journals*, Volume I-X, and *Index of Economic Articles*, Volumes VI-A and VII-A. These are still available at \$7.50 per volume.

605 pages

cloth bound

\$35.00 per copy

Special discount of 30% given to members of the American Economic Association.

Distributed by RICHARD D. IRWIN, INC.

Homewood, Illinois 60430



MACROECONOMICS: Analysis and Policy,

Revised Edition (paperbound)

MICROECONOMICS: Analysis and Policy,

Revised Edition (paperbound) Lloyd G. Reynolds, Yale University

LABOR ECONOMICS: Wages, Employment, and Trade Unionism. Third Edition

F. Ray Marshall, *University of Texas*, Allan M. Cartter, *University of California at Los Angeles*, and Allan G. King, *University of Texas* 

## **READINGS IN LABOR ECONOMICS AND LABOR RELATIONS,**

Third Edition (paperbound)

Edited by Richard L. Rowan, The Wharton School, University of Pennsylvania

THE PRACTICE OF COLLECTIVE BARGAINING, Fifth Edition

Edwin F. Beal, The University of Oregon, the late Edward D. Wickersham, and Philip Kienast, The University of Washington

**SELECTED ANTITRUST CASES: Landmark Decisions,** 

Fifth Edition (paperbound)

Irwin M. Stelzer, President, National Research Associates, Inc.

## RICHARD D. MWILLING., Howewood, Illinois CO430

ECONOMICS OF SOCIAL ISSUES, Revised Edition (paperbound)
Richard H. Leftwich and Ansel M. Sharp, both of
Oklahoma State University

EURIPESE PUBLICATIONS, INC. 13773 North Central Expression Ballot, Texas 7523.7

Examination copies for adoption consideration available on request. Please indicate course title and text presently used.

## -from Brookings

## **ON DISPLAY AT BOOTH 1**

## SETTING NATIONAL PRIORITIES: The Coming Decade

Henry Owen & Charles L. Schultze, Editors 1976 \$4.95 pa. \$9.95 cl.

## TRANSPORTATION FOR CITIES

Wilfred Owen 1976 \$2.95 pa.

## THE INDIVIDUAL INCOME TAX (Revised Edition)

Richard Goode 1976 \$5.50 pa. \$12.50 cl.

## FEDERAL TAX REFORM

George F. Break & Joseph A. Pechman 1975 \$2.95 pa. \$6.95 cl.

## WHO PAYS THE PROPERTY TAX?

Henry J. Aaron 1975 \$2.50 pa. \$5.95 cl.

## ETHICAL AND LEGAL ISSUES OF SOCIAL EXPERIMENTATION

Alice M. Rivlin & P. Michael Timpane, Editors 1975 \$3.50 pa. \$9.95 cl.

## **INTERNATIONAL ECONOMICS**

## ASIA'S NEW GIANT: How the Japanese Economy Works Hugh Patrick & Henry Rosovsky,

Editors 1976 \$10.95 pa. \$19.95 cl.

## INDUSTRIAL ORGANIZATION IN JAPAN

Richard E. Caves & Masu Uekusa 1976 \$3.50 pa. \$9.95 cl.

## WORLD POLITICS AND INTERNATIONAL ECONOMICS

C. Fred Bergsten & Lawrence B. Krause, Editors 1975 \$5.50 pa. \$12.50 cl.

## HOW JAPAN'S ECONOMY GREW SO FAST: The Sources of Postwar Expansion

Edward F. Denison & William K. Chung 1976 \$4.95 pa. \$10.95 cl.

## HIGHER OIL PRICES AND THE WORLD ECONOMY: The Adjustment Problem

Edward R. Fried & Charles L. Schultze, Editors 1975 \$3.95 pa. \$9.95 cl.



The Brookings Institution

1775 MASSACHUSETTS AVENUE, N.W., WASHINGTON, D. C. 20036

## Invest some time at Wiley/Hamilton Booths 22 & 23

## **Recent and Forthcoming Titles:**

INTRODUCTORY

### **ECONOMICS:**

**Facts, Theory and Policy** Chris C. Rhoden, Solano College. 1976

## STUDENT STUDY GUIDE TO ACCOMPANY RHODEN'S ECONOMICS:

Facts, Theory and Policy Patrick M. Holwagner. 1976

## **ECONOMICS AND SOCIETY**

Leonard W. Weiss, University of Wisconsin, Madison, 1975

## THE ECONOMICS OF THE PUBLIC SECTOR, 2nd Ed.

Robert H. Haveman, University of Wisconsin, Madison, 1976

## MONEY & BANKING

## MONEY AND BANKING: An Introduction to Analysis and Policy, 3rd Ed.

John G. Ranlett, Sacramento State College. 1977

## **MONEY AND BANKING**

Donald T. Savage, University of Maine, Orono, 1977

## MICROFCONOMICS

### MICROECONOMICS: THEORY AND APPLICATIONS

Robert Y. Awh, Mississippi State University. 1976

## EXERCISES IN MICROECONOMICS

Robert Y. Awh, Mississippi State University. 1976

## MACROECONOMICS

## MACROECONOMICS: Money, Prices, and Income

Dudley W. Johnson, University of Washington. 1976

## MACROECONOMICS, 3rd Ed.

John Lindauer, Murray State University, Kentucky. 1976

## MACROECONOMICS: Measurement, Theory and Policy

Michael C. Lovell, Wesleyan University. 1975

## MACROECONOMICS MODELS AND POLICY

Y. P. Venieris & F. D. Sebold, both of San Diego State University. 1977

## **STATISTICS**

## INTRODUCTORY STATISTICS FOR BUSINESS AND ECONOMICS. 2nd Ed.

Thomas H. Wonnacott & Ronald J. Wonnacott, both of the University of Western Ontario. 1977

## STATISTICS FOR BUSINESS AND ECONOMICS, 2nd Ed.

Paul Hoel & Raymond Jessen, both of the University of California, Los Angeles. 1977

## **INVESTMENTS**

## **FUNDAMENTALS OF INVESTING**

Ben Shirley Branch, University of Massachusetts, 1976

See these and other texts at the Wiley/Hamilton Booths. To be considered for complimentary examination copies, write to George Thomsen, Dept. A 2001. Please include course name, enrollment, and title of present text.



A 2001-21

# If keeping up with the journal literature of the your down you down

Stop by at ISI's exhibit booth #35.
Find out how Current Contents®,
the Social Sciences Citation Index™ and a variety
of other ISI information services can help
you stay on top of the journal
literature of your discipline
and other related fields. ●1976151

Institute for Scientific Information®
325 Chestnut Street, Philadelphia, Pa. 19106, U.S.A., Tel: (215) 923-3300, Cable: SCINFO, Telex: 84-5305

### **PUBLICATIONS**



The ILO is unique among world organizations in that workers' and employers' representatives have an equal voice with those of governments of its 129 member states.

The publications of the I.L.O. provide a unique source of information in a variety of fields as well as labor and social affairs

## 1975 Yearbook of Labor Statistics

An indispensable source of reference and a research aid for business, industry, libraries, universities and government. \$37.95

### **Bulletin of Labor Statistics**

Complements the annual data given in the YEARBOOK OF LABOR STATISTICS. The Bulletin is published Quarterly, with supplements in the intervening months.

Single: \$4.75 Yearly: \$15.95 Combination Yearbook and Bulletin: \$42.00

## International Labor Review

Articles on economic and social topics of international interest affecting labor, research notes, notices of new books received by the ILO.

Single: \$3.20 6 Issues, Yearly: \$15.95

### Social & Labor Bulletin

A current awareness tool with regard to the latest worldwide developments in labor legislation, major collective agreements, industrial disputes, and the results of any major research carried out in the above fields.

Single: \$2.80 4 Issues, Yearly: \$9.50



INTERNATIONAL LABOR OFFICE

Free Catalog on request. Suite 330E, 1750 New York Avenue, N.W. Washington, D.C. 20006 • (202) 634-6335

## **FAMILIAR, POPULAR TEXTS**

## MODERN ECONOMICS: AN INTRODUCTION

Jan Hogendorn-Colby College

Brief core text on Principles designed for non-majors. Supported by a Student Guide by Cemal Yalinpala and Teacher's Manual.

1975 526 pp. Paper \$8.95

### **MACROECONOMIC ANALYSIS**

J. Walter Elliott-University of Wisconsin, Milwaukee

Sound intermediate text featuring business and management applications. 1975 402 pp. Cloth \$13.95

## **COMING IN DECEMBER...**

## THE PERSUASION OF PRICE: MICROECONOMICS IN BRIEF

Lawrence G. Hines-Dartmouth College

For introductory students, both non-majors taking their only course and majors starting their professional sequence. Principles explained clearly and illustrated by lively examples from contemporary society. Provocative questions, effective glossary, Teacher's Manual.

1977 300 pp. (est.) Paper \$6.95 (est.)

## A PROGRAMMED INTRODUCTION TO MICROECONOMICS

Martin L. Primack-San Jose State University

A supplement to build students' understanding of economics principles by careful reinforcement of any textual presentation.

1977 275 pp. Paper \$4.95 (est.)

## AND COMING IN SPRING...

## A PROGRAMMED INTRODUCTION TO MACROECONOMICS

Martin L. Primack-San Jose State University

A supplement to build students' understanding of economics principles by careful reinforcement of any textual presentation.

1977 275 pp. Paper \$4.95

## THE TWISTED DREAM: CAPITALIST DEVELOPMENT IN THE UNITED STATES SINCE 1776 2nd Edition

Douglas Dowd-San Jose State University

This provocative supplement has been completely revised to make it even more useful as an effective teaching instrument.

1977 325 pp. \$7.95 (est.)

**VISIT US AT BOOTH #63.** Or write for further information and examination copies to Winthrop Publishers, Inc., 17 Dunster Street, Cambridge, Mass. 02138.



## Cambridge University Press Presents

The Economic Theory of Modern Society
MICHIO MORISHIMA, London School of Economics
Fall 1976 \$14.95

Money, Employment and Inflation ROBERT J. BARRO, University of Chicago HERSCHEL I. GROSSMAN, Brown University

March 1976 \$13.95

International Trade and Finance
PETER B. KENEN (Editor), Princeton University

January 1976 \$19.95

**Economic Analysis of the Soviet-Type System**JUDITH THORNTON (Editor), University of Washington
June 1976 \$16.95

A Theory of Profits
ADRIAN WOOD, Cambridge University

November 1975 \$14.50

Rational Behavior and Bargaining Equilibrium in Games and Social Situations
JOHN C. HARSANYI, University of California, Berkeley
Fall 1976 \$25.00

Choice, Complexity and Ignorance An Enquiry into Economic Theory and the Practice of Decision-Making BRIAN J. LOASBY, University of Stirling

April 1976 \$19.95

The Rise of the Western World DOUGLASS C. NORTH and ROBERT PAUL THOMAS, University of Washington

Coming in paperback Fall 1976 \$4.95

## The Megacorp and Oligopoly Micro Foundations of Macro Dynamics

ALFRED S. EICHNER, State University of New York, Purchase
August 1976 \$24.95

## **Method and Appraisal in Economics**

S. J. LATSIS (Editor), Harvard and Boston University
August 1976 \$17.50

## The Path of Economic Growth

ADOLPH LOWE, New School for Social Research

Fall 1976 \$24.95

## **Labor Market Adjustment**

**Macroeconomic Foundations of Short-Run Neoclassical** and Keynesian Dynamics

CHRISTOPHER A. PISSARIDES, University of Southampton
Fall 1976 \$17.9

## **Competition and Coercion**

Blacks in the American Economy 1865-1914

ROBERT HIGGS, University of Washington

Fall 1976 \$14.95

## Banking and Industrialization in Austria-Hungary 1873-1914

RICHARD L. RUDOLPH, University of Minnesota

August 1976 \$28.00

## **Essays in Economic Analysis Proceedings of the Association of University Teachers**

of Economics, Sheffield 1975

M. J. ARTIS (Editor), University College of Swansea A. R. NOBAY (Editor), University of Southampton

June 1976 \$19.50

## The Economic Journal

Editors: W. B. REDDAWAY, Cambridge University

J. S. FLEMMING, Oxford University

D. N. WINCH, University of Sussex

Published quarterly. Annual subscription \$45.00



For further information visit Booth No. 41 **Cambridge University Press** 

32 East 57th Street, New York, N.Y. 10022

## See what's new at Booth #5.....

## **Among Our 1975-1976 Publications**

## Richard G. Lipsey and Peter O. Steiner

**ECONOMICS, Fourth Edition** 

964 pages; \$13.95. 1975. ISBN 0-06-044008-2. Instructor's Manual. Study Guide and Problems: \$4.50; ISBN 0-06-044028-7.

### **Douglass C. North and Roger LeRoy Miller**

THE ECONOMICS OF PUBLIC ISSUES, Third Edition

179 pages; \$3.95/paper. January 1976. ISBN 0-06-044861-X. Instructor's Manual.

### G. C. Archibald and Richard G. Lipsey

AN INTRODUCTION TO MATHEMATICAL ECONOMICS: Methods and Applications

576 pages; \$15.95. March 1976. ISBN 0-06-040324-1.

### William H. Branson and James M. Litvack

**MACROECONOMICS** 

433 pages; \$12.95. February 1976. ISBN 0-06-040934-7.

### Lawrence J. Gitman

### PRINCIPLES OF MANAGERIAL FINANCE

649 pages; \$15.95. January 1976. ISBN 0-06-042343-9. Instructor's Manual. Study Guide: \$5.95; ISBN 0-06-042343-9.

## Lawrence J. Gitman, Timothy E. Johnson, and Ross A. Flaherty

**CASES IN MANAGERIAL FINANCE** 

256 pages; \$5.95/paper. March 1976. ISBN 0-06-042342-0. Instructor's Manual.

### Stanley Kaish

**MICROECONOMICS: Logic, Tools, and Analysis** 

427 pages; \$11.95. January 1976. ISBN 0-06-043456-2. Instructor's Manual.

### Richard S. Thorn

### INTRODUCTION TO MONEY AND BANKING

544 pages; \$13.95. February 1976. ISBN 0-06-046614-6. Instructor's Manual.

## Coming Fall 1976-Spring 1977

Lester V. Chandler and Stephen M. Goldfeld

THE ECONOMICS OF MONEY AND BANKING, Seventh Edition

Tentative: 672 pages; \$12.95. ISBN 0-06-041234-8. Instructor's Manual.

Study Guide to accompany Chandler & Goldfeld:

Harold R. Williams and Henry W. Woudenberg

MONEY, BANKING, AND MONETARY THEORY:

**Problems and Concepts, Third Edition** 

Tentative: 352 pages; \$5.95/paper. ISBN 0-06-047122-0.

### **Assar Lindbeck**

THE POLITICAL ECONOMY OF THE NEW LEFT: An Outsider's View, Second Edition

Tentative: 224 pages; \$5.95/paper. ISBN 0-06-044009-0.

### Sid Mittra

PERSONAL FINANCE: Lifetime Management by Objective
Tentative: 556 pages; \$12.95. ISBN 0-06-044569-6. Instructor's Manual.

Study Guide: \$3.95 (tentative); ISBN 0-06-044571-8.

### Howard J. Sherman

STAGFLATION: A Radical Theory of

Unemployment and Inflation

Tentative: 224 pages; \$4.95/paper. ISBN 0-06-046106-3.

## **JUST PUBLISHED**

Harry N. Scheiber, Harold G. Vatter, and Harold U. Faulkner
AMERICAN ECONOMIC HISTORY

Tentative: 432 pages; \$14.95. ISBN 0-06-042001-4.



• • 10 East 53d Street, New York, N.Y. 10022

# Booth Report Visit Booth #24 to see these and other distinguished titles.

### Social Limits to Growth

ATwentieth Century Fund Study Fred Hirsch \$10.00

The worldwide debate on the limits to growth — from apocalyptic predictions of earthly doom to facile diversions drawn from history — has captured the attention of the general public while the controversy rages in academic circles. Although the dimensions and nature of the argument have produced a crisis of conscience in the West, the controversy also has obscured the much more fundamental and urgent problem that confronts advanced democratic societies — the ways in which growth creates its own frustrating limits.

In Social Limits to Growth Fred Hirsch, an Oxford-educated economist, argues brilliantly that the limits on extension of welfare through growth are social as well as economic. In the future the debate should not be couched in terms of "how much growth" or of "no growth", but of why the affluent compete among them-

selves and how they create social scarcity. In such economic competition the growth process, Hirsch determines, fails to deliver its full promise. The affluent society is the frustrated society, seemingly incapable of improving the quality of life through greater material quantity.

There is yet another social limit to growth in advanced economies, according to the author. Western states cling to an individualistic ethos, but the growth process demands state intervention. Thus the social foundations of the state are undermined as economic growth threatens the liberal state that created it.

Kenneth Boulding comments: "Social Limits to Growth by Fred Hirsch is an important book and a major contribution to social thinking and economies. I read it with delight and mounting excitement. The book is infused with intellectual passion. The style is vigorous and clear, with brilliant metaphors."

Fred Hirsch is Professor of Economics at the University of Warwick, Coventry, England.

## **Bevond Economic Man**

A New Foundation for Microeconomics Harvev Leibenstein \$15.00

"Bevond Economic Man could help revolutionize microeconomic theory . . . imaginative and interesting behavioral insights into unconventional inputs affecting production . . . well-written and well-aroued."

Erick Thorbecke, Professor of Economics. Cornell University

"Professor Leibenstein is to be congratulated on his original and imaginative new book in which he breaks with tradition-bound economics, long bedevilled by its empty assumption of consumer rationality. To make the individual's rationality a matter of degree and the outcome of conflicting forces seems one of those simple and fruitful ideas likely to give new lease on life to welfare economics."

Tibor Scitovsky. Professor of Economics. Stanford University

## The Promise of Greatness Sar A. Levitan & Robert Taggart

\$15.00

## No Easy Choice

Samuel P. Huntington & Joan M. Nelson \$10.50

## Multinational Spread of Japanese Enterprise

M. Y. Yoshino \$12.50

## Interbrand Choice. Strategy. and Bilateral Market Power

Michael E. Porter \$13.50

**Government Policy and** Distribution of Income in Peru. 1963-1973

Richard Charles Webb \$15.00

## Harvard University

79 Garden Street, Cambridge, Massachusetts 02138

What do Pyndick/Rubinfeld, Darby, Gunderson, Samuelson, Dernberg/McDougall, Francis, Jones, McConnell, Musgrave, Luckett, Reid, Perlman, and Weiss/Strickland have in common?

## McGraw-Hill.

**ECONOMICS,** Tenth Edition **Paul A. Samuelson,** Massachusetts Institute of Technology 1976, 917 pages, \$13.95

A complete teaching package including Instructor's Manual, Transparency Masters, Test Bank, Study Guide by Robinson, Readings, and Economics: An Introductory Program is available.

ECONOMICS: PRINCIPLES, PROBLEMS & POLICIES, Sixth Edition Campbell R. McConnell, University of Nebraska 1975, 919 pages, \$13.95 A complete teaching package is available including: Instructor's Manual, Transparency Masters, Test File, Study Guide, Economic Concepts: A Programmed Approach, Readings, and A Personalized System of Instruction by Jerry Petr.

MACROECONOMICS: THE MEASUREMENT ANALYSIS AND CONTROL OF AGGREGATE ECONOMIC ACTIVITY, Fifth Edition Thomas F. Dernberg, American University and Duncan M. McDougall, Queens University and University of Kansas 1976, 480 pages, \$12.50

MACROECONOMICS: THE THEORY OF INCOME, EMPLOYMENT AND THE PRICE LEVEL Michael R. Darby, University of California, Los Angeles 1976, 480 pages, \$12.95

PUBLIC FINANCE IN THEORY AND PRACTICE, Second Edition Richard A. Musgrave, Harvard University and Peggy B. Musgrave, Northeastern University 1976, 778 pages, \$14.50

MONEY AND BANKING Dudley G. Luckett, Iowa State University 1976, 585 pages, \$13.95

ECONOMETRIC MODELS AND ECONOMIC FORECASTS
Robert S. Pindyck, Massachusetts
Institute of Technology and Daniel L. Rubinfeld, University of Michigan 1976, 704 pages, \$16.50

INTRODUCTION TO MODERN THEORIES OF ECONOMIC GROWTH

**Hywel G. Jones,** Oxford University 1976, 272 pages, \$12.50

INVESTMENTS: ANALYSIS AND MANAGEMENT, Second Edition Jack Clark Francis, Baruch College (CUNY) 1976, 710 pages, \$14.95

## A NEW ECONOMIC HISTORY OF AMERICA

**Gerald Gunderson**, North Carolina State University 1976, 529 pages, \$12.50

**ECONOMICS OF POVERTY Richard Perlman**, University of Wisconsin 1976, 240 pages, \$6.95

THE NEW INDUSTRIAL ORDER: CONCENTRATION, REGULATION, AND PUBLIC POLICY The late Samuel R. Reid 1976, 299 pages, \$8.95 (hardcover), \$6.95 (softcover)

**REGULATION:** A CASE APPROACH **Leonard W. Weiss** and **Allyn Strickland,** both of the University of Wisconsin 1976, 242 pages, \$5.95

## **Coming in 1977...**

MARKET AND PRICE ANALYSIS: THE AGRICULTURAL INDUSTRIES Dale C. Dahl and Jerome W. Hammond, both of the University of Minnesota January, 1977, 448 pages (tent.), \$12.95 (tent.)

MONEY AND BANKING, Second Edition John M. Culbertson, University of Wisconsin January, 1977, 608 pages (tent.), \$11.95 (tent.)

ECONOMIC DEVELOPMENT, Third Edition Charles Kindleberger, Massachusetts Institute of Technology March, 1977, 496 pages (tent.), \$13.95 (tent.)

COMPARATIVE ANALYSIS OF ECONOMIC SYSTEMS Vaclav Holesovsky, University of Massachusetts January, 1977,

475 pages (tent.), \$11.50 (tent.)
APPLIED ECONOMICS IN
BUSINESS

Richard Mills, University of New Hampshire January, 1977, 672 pages (tent.), \$13.95 (tent.)

### **ECONOMETRICS**

G.S. Maddala, University of Florida January, 1977, 576 pages (tent.), \$15.95 (tent.)

## MONETARY THEORY, POLICY AND FINANCIAL MARKETS

William R. Hosek, University of New Hampshire and Frank Zahn, Bowling Green State University January, 1977, 528 pages (tent.), \$12.95 (tent.)

## STRATEGIES FOR PERSONAL FINANCE

Larry Lang and Thomas Gillespie, both of the University of Wisconsin January, 1977, 704 pages (tent.), \$12.95 (tent.)

PERSONAL FINANCE, Second Edition Paul Hastings and Norbert Mietus, both of Sacramento State College January, 1977, 608 pages (tent.), \$12.95 (tent.)

FINANCE: PRINCIPLES AND MANAGEMENT Lawrence D. Schall and Charles W. Haley, both of the University of Washington January, 1977, 576 pages (tent.), \$13.95 (tent.)

## GUIDE TO INTERNATIONAL FINANCIAL MANAGEMENT

J. Fred Weston, University of California, Los Angeles, and Bart W. Sorge, University of Southern California January, 1977, 356 pages (tent.), \$7.95 (tent.)

MICROECONOMIC ANALYSIS OF ISSUES IN BUSINESS, GOVERNMENT AND SOCIETY Roger Beck, University of Alberta January, 1977, 320 pages (tent.), \$6.95 (tent.)

Prices subject to change.



COLLEGE DIVISION
McGRAW-HILL BOOK COMPANY
1221 Avenue of the Americas
New York, N.Y. 10020

## INVESTMENT ANALYSIS AND SECURITIES MARKETS

Morris Mendelson & Sidney Robbins. Two leading financial experts have joined forces to produce the most comprehensive, up-to-date and literate introduction to the theory and practice of investment currently available. "I strongly recommend this book . . . a fine text that combines broad coverage of capital market institutions with a good introduction to some of the more recent analytical approaches."

—Martin Gruber, NYU. 768 pp. Illustrated \$17.50

## FOUNDATIONS OF FINANCE

### **Portfolio Decisions and Securities Prices**

Eugene F. Fama. Through this unique text, one of the most prominent scholars in the field introduces the student to the modern theory of finance and presents him with the empirical tests and evidence for that theory. By thus demonstrating how theory explains the actual decisions of investors and the pricing of securities, Professor Fama motivates the student to master the theory. \$17.50

## THE INTERNATIONAL MONEY GAME

### **Second Edition**

Robert Z. Aliber. In this thoroughly revised edition of a widely hailed introduction to international finance, Professor Aliber discusses in detail much of what has happened to the international monetary system.

"Highly recommended."—Charles P. Kindleberger.

Cloth, \$10.00; paper, \$4.95

The leading text in its field

## PRINCIPLES OF MONEY, BANKING AND FINANCIAL MARKETS

Lawrence S. Ritter & William L. Silber. "Highly recommended for an introductory course in money and banking. It consists of an appropriate blend of theory, institutions and policy ... written in a style that makes it enjoyable to read. Exceptionally well written and comprehensive."

—The Journal of Finance \$12.50

Teacher's Manual available.

## **Forthcoming**

## THE ECONOMISTS

Leonard Silk. A distinguished New York Times writer provides authoritative portraits of the lives and the principal ideas of the five leading economists living today: Paul Samuelson, Milton Friedman. John Kenneth Galbraith. Kenneth Boulding, and Wassily Leontief. Brilliantly succeeds in making us see these "worldly philosophers" as personalities, as thinkers, and as forces for social change. September/\$10.95

## THE GOVERNMENTAL HABIT

Controlling the Economy from Colonial Times to the Present

Jonathan R. T. Hughes. The author of The Vital Few explains how we came to our present methods of government control over economic activity—tracing the history of controls from colonial times to the present. February/\$11.95

## 200 YEARS OF AMERICAN BUSINESS

Thomas C. Cochran. This major work by the dean of American business historians describes the changing ways in which Americans have managed their businesses over the past 200 years. Professor Cochran covers every aspect of management in a clear, concise, and interesting fashion. January/\$14.95

## INTERNATIONAL TRADE **UNDER COMMUNISM**

Franklyn D. Holzman. This important work by a Harvard expert on Soviet-style economies is the first to trace the interaction between politics and economics in the trade and investment policies of Communist countries, both with each other and with the rest of the world. August/\$10.95

## U.S. POWER AND THE **MULTINATIONAL CORPORATION**

Robert Gilpin. "Examines the multinational corporation and foreign investment and assesses the effect these have on the home and host countries. . . . One of the two best studies available on multinational companies." —Library Journal.

Published/\$10.95

10 EAST 53RD ST. NEW YORK 10022

## **College Education:**

**Economic Investment or Liability?** 

## THE OVEREDUCATED AMERICAN

by RICHARD B. FREEMAN

This intriguing book asks:

 How significant is the seventies' downturn in the labor market for college-educated manpower?

Does the future promise continued depression in college employment or a restoration of the strong job market of previous decades?

 What are the potential consequences of a depressed college job market for the educational sector, the role of schooling in society, and the operation of the broader social system?

 What economic mechanisms connect the labor market and the educational system, and how can these mechanisms be used by policy makers to ameliorate problems?

What should and can be done?

These questions constitute the subject matter of *The Overeducated American*, which analyzes within the limits of available data and knowledge of market processes, the turnaround in the college job market. The author seeks to determine whether it constitutes a relatively long-term or merely temporary change in the economic status of graduates. The book identifies the occupations that have been most and least affected by the market decline; examines how minority and other discriminated groups, such as women, have fared; considers the implications of the changes for students choosing a career, guidance and placement directors, university administrators, and governmental decision-makers for the American dream of success via college education.

1976, 232 pp., \$12.00/£6.25 cloth ISBN: 0-12-267250-X

\$4.95/£2.60 paper ISBN: 0-12-267252-6

Richard B. Freeman

Orders totaling less than \$5.00 must be accompanied by payment.

## ALSO FROM ACADEMIC PRESS ...

## THEORY AND MEASUREMENT OF ECONOMIC EXTERNALITIES

edited by STEVEN A. Y. LIN

A Volume in the ECONOMIC THEORY AND MATHEMATICAL ECONOMICS Series

1976, 286 pp., \$19.50/£11.90 ISBN: 0-12-450450-7

## DYNAMIC STOCHASTIC MODELS FROM EMPIRICAL DATA

by R. L. KASHYAP and A. RAMACHANDRA RAO A Volume in the MATHEMATICS IN SCIENCE AND ENGINEERING Series 1976, 352 pp., \$34.50/£20.00 ISBN: 0-12-400550-0

### APPLIED SAMPLING

by SEYMOUR SUDMAN

A Volume in the QUANTITATIVE STUDIES IN SOCIAL RELATIONS Series

1976, 270 pp., \$11.50/£6.30 ISBN: 0-12-675750-X

## **INTERNAL MIGRATION**

**A Comparative Perspective** 

edited by ALAN A. BROWN and EGON NEUBERGER 1976, about 450 pp., in preparation ISBN: 0-12-137350-9

## FORECASTING ECONOMIC TIME SERIES

by C. W. J. GRANGER and PAUL NEWBOLD

A Volume in the ECONOMIC THEORY AND MATHEMATICAL ECONOMICS Series

1976, about 400 pp., in preparation ISBN: 0-12-295150-6

## ECONOMETRIC ANALYSIS OF REGIONAL SYSTEMS

**Explorations in Model Building and Policy Analysis** by NORMAN J. GLICKMAN

A Volume in the STUDIES IN URBAN ECONOMICS Series 1976, about 175 pp., in preparation ISBN: 0-12-286550-2

N.B.: Postage plus 50¢ handling charge on all orders not accompanied by payment. Prices are subject to change without notice.



## **ACADEMIC PRESS**

A Subsidiary of Harcourt Brace Jovanovich, Publishers 111 FIFTH AVENUE, NEW YORK, N.Y. 10003 24-28 OVAL ROAD, LONDON NW1 7DX

## Johns Hopkins

## **Innovation in the Pharmaceutical Industry**

David Schwartzman

In this most thorough analysis to date of the drug industry, a noted economist shows how research costs lead naturally to an oligopoly. Examining how excessive precautions and restrictions have hampered research, the author reviews proposals for reform. \$16.00 coming in November

## new Policy Studies in Employment & Welfare

**Sex, Age, and Work:** The Changing Composition of the Labor Force, *Juanita Kreps & Robert Clark.* \$7.50 hardcover, \$2.65 paperback

**The Job Corps:** A Social Experiment that Works, *Sar A. Levitan and Benjamin H. Johnston.* \$8.00 hardcover, \$2.95 paperback

Auto Work and Its Discontents: edited by B. J. Widick. \$8.00 hard-cover, \$2.95 paperback

Labor Issues of American International Trade and Investment: Daniel J. B. Mitchell. \$8.50 hardcover, \$2.95 paperback

## new from the World Bank

Economic Analysis of Projects: Lyn Squire and Herman G. van der Tak. \$10.00 hardcover, \$4.00 paperback

**Electricity Economics:** Essays and Case Studies, *Ralph Turvey and Dennis Anderson.* \$17.95 coming in October

**Housing for Low-Income Urban Families:** Economics and Policy in the Developing World, *Orville F. Grimes, Jr.* \$11.00 hardcover, \$3.65 paperback

THE JOHNS HOPKINS UNIVERSITY PRESS Baltimore, Maryland 21218

**Booth #18** 

## Future

### new paperbacks for course use

### Land Use and the States

Robert G. Healy

Focusing on the problems that have caused public demand for land use controls, on the variety of legislative responses and on the problems of implementation that arise, this comparative study presents a rationale for the role of the state government in the land use field. **\$2.95 paperback**, \$10.00 hardcover

### The Florida Experience

Land and Water Policy in a Growth State

Luther J. Carter

"Luther J. Carter has written a remarkable book. As his many readers know, Carter has been covering environmental affairs for *Science* for many years. . . . The Florida experience is very much the American experience, and this should be high on anyone's reading list." — *Environment* \$5.95 paperpack, \$15.00 hardcover

### and other new titles

### **Steel Production**

Processes, Products, and Residuals Clifford S. Russell and William J. Vaughan \$16.50

## Cars, Cans, and Dumps

Solutions for Rural Residuals F. Lee Brown and A. O. Lebeck \$12.95

### The Economics of Natural Environments

Studies in the Valuation of Commodity and Amenity Resources John V. Krutilla and Anthony C. Fisher \$16.95 hardcover, \$4.50 paperback

published by

## Johns Hopkins

The Johns Hopkins University Press, Baltimore, Maryland 21218

**Booth #19** 

## Challenge

**Challenge** is one magazine I read from cover to cover with unflagging interest. If I were to recommend a single publication to those who are looking for a thoughtful discussion of current economic issues, **Challenge** would be it. 77 —Robert Heilbroner

Published bimonthly at an annual subscription rate of \$16.00 per year. For more information, write **Challenge**, 901 North Broadway, White Plains, NY 10603.

## Chinese Economic Studies

Editor: George C. Wang

## Japanese Economic Studies

Editor: Kazuo Sato

## Indispensable Primary Sources IASP Translation Journals

## Problems of Economics (monthly)

Editors: Murray Yanowitch, Leonard J. Kirsch, Elena Kirsch

## Eastern European Economics

Editor: Helen M. Kramer

## Soviet and Eastern European Foreign Trade

Editor: Mojmir K. Bednarik

## Matekon

Editor: Alan Abouchar

Visit us at Booth 34, or write for full descriptions and prices.



International Arts & Sciences Press, Inc. 901 North Broadway, White Plains, N.Y. 10603

## IASP TITLES IN ECONOMICS

Leonid V. Kantorovich:
Essays in Optimal Planning

Selected and with an Introduction by Leon Smolinski, Boston College

Eighteen essays, most of them not previously available in English. 224 pp. July 1976. \$15.00

Corporate Imperialism: Conflict and Expropriation

By Norman Girvan, Caribbean Centre for Corporate Research, Kingston, Jamaica

Studies of the economies of mineral-export nations and their relationship to the industrial world.

256 pp. August 1976. \$17.50

European Industrial Managers: West and East

Edited by J.J. Boddewyn, Baruch College (CUNY)

A reader on management personnel who they are and how their careers develop.

Approx. 576 pp. July 1976. \$17.95

The Structure of American Economy, 1919-1939: An Empirical Application of Equilibrium Analysis

By Wassily Leontief, New York University

Reprint of the long-out-of-print Second Edition Enlarged. 282 pp. September 1976. Tent. \$17.50

The Origin of Economic Ideas
By Guy Routh, University of Sussex

"... most illuminating ... how the dismal science achieved its present intellectual disarray." — Robert Lekachman

Available now. 321 pp. \$18.00

Studies in the Structure of the American Economy: Theoretical and Empirical Explorations in Input-Output Analysis By Wassily Leontief and others

Reprint of this 1953 classic. 571 pp. September 1976. Tent.

\$27.50

The Yugoslav Economic System: The First Labor-Managed Economy in the Making

By Branko Horvat, Institute of Economic Sciences, Belgrade

Yugoslavia's experiments in economic and social policy beginning with its rapid post-1945 industrialization. 320 pp. June 1976. \$20.00



International Arts & Sciences Press, Inc.

901 North Broadway, White Plains, NY 10603

## TAKE A CLOSER LOOK AT ECONOMIC POLICY

### with these AEI economic studies

### **CONTROLS AND INFLATION**

by Marvin H. Kosters, with J. Dawson Ahalt

"Merits close examination. . . . A carefully researched academic paper. . . ."
Hobart Rowen, Washington Post

135 pages paperback, \$3.50

### A DISCUSSION WITH FRIEDRICH VON HAYEK

The Nobel Prize-winning author charges in a discussion held at the American Enterprise Institute that present U.S. unemployment is a direct and inevitable consequence of the "full employment" policy of the last 25 or 30 years. He argues that creating employment through inflation lays the foundation for worse unemployment.

20 pages paperback, \$1.50

## WORLD FOOD PROBLEMS AND PROSPECTS

by D. Gale Johnson

"Timely, competent, and informative. . . . The argument is compelling. . . . A worthy addition to the growing literature dealing with issues of global management." Perspective

83 pages paperback, \$3.00

### THE WORLD ECONOMY, MONEY AND THE GREAT DEPRESSION, 1919-1939

by Gottfried Haberler

Haberler says postwar inflation resulted from analysts' misinterpretation of the causes and cures of the Great Depression of 1929-39. He concludes that the severity and length of the Great Depression in the United States were substantially homemade, resulting—in part—from "horrendous" mistakes in monetary policy.

44 pages paperback, \$3.00

## CORRECTING TAXES

by William Fellner, Kenneth W. Clarkson and John Moore

Inflation has led to overtaxation of individuals and businesses, distorting the tax structure, the authors state.

They advocate "indexing" the tax rate to adjust for inflationary increases in income that push individuals into higher tax brackets despite declines in their real, spendable income.

47 pages paperback, \$2.50

### AEI STUDIES REVIEW THE NEW PUBLIC POLICY ISSUE OF CENTRAL PLANNING

## ECONOMIC PLANNING AND THE IMPROVEMENT OF ECONOMIC POLICY

by Herbert Stein

"The first major work of criticism of the comprehensive planning proposal. . . "
Eileen Shanahan, The New York Times

33 pages paperback, \$2.00

## CENTRAL ECONOMIC PLANNING The Visible Hand

by G. Warren Nutter

Nutter says the United States' recent economic problems are symptoms of political ills, not of flaws in the economic system. He finds the proposed economic planning legislation an extreme reaction which would probably be unsuccessful.

23 pages paperback, \$1.50

### NATIONAL ECONOMIC PLANNING: Right or Wrong for the U.S.?

(videotaped April 1976)
Sen. Hubert H. Humphrey
D.-Minnesota

Rep. Clarence Brown, Jr. R.-Ohio

Herbert Stein former chairman, Council of Economic Advisers

Wassily Leontief Nobel laureate in economics

John Charles Daly moderator

34-inch color video cassettes: \$295 for purchase; \$75/week for rental audio cassettes: \$7.50 each; 10 for \$50

To order, circle the titles you'd like and send this page to

American Enterprise Institute
Dept. ZZ 1150 Seventeenth St., N.W. Washington, D.C. 20036

Name		
Address		
City	State	Zip

## The Structure of Economic Systems

John Michael Montias \$20.00

## Income Distribution in Colombia

Albert Berry and Miguel Urrutia A Publication of the Economic Growth Center, Yale University \$15.00

> The Growth and Structure of the Chilean Economy

From Independence to Allende Markos I. Mamalakis A Publication of the Economic Growth Center, Yale University \$20.00

**Iapan: The Paradox of Progress** 

edited by Lewis Austin \$20.00

The Antitrust Penalties

A Study in Law and Economics Kenneth G. Elzinga and William Breit \$10.00

The Moral Economy of the Peasant

Rebellion and Subsistence in Southeast Asia James C. Scott \$16.50

Rural Responses to Industrialization

A Study of Village Zambia Robert H. Bates \$20.00

Merchants in Crisis

Genoese and Venetian Men of Affairs and the Fourteenth-Century Depression Beniamin Z. Kedar Yale Series in Economic History \$17.50

Industrialization in the Low Countries, 1795–1850

Joel Mokyr Yale Series in Economic History \$20.00

The Social Function of Social Science

Duncan MacRae, Jr. \$15.00

Now available in paperback

Modern Social Politics in Britain and Sweden

From Relief to Income Maintenance Hugh Heclo

Winner of the 1975 Woodrow Wilson Foundation Award cloth \$17.50 paper \$4.95

Women in the American Economy

A Documentary History, 1675 to 1929 W. Elliot Brownlee and Mary M. Brownlee cloth \$17.50 paper \$4.95

**Authoritarian Brazil** 

Origins, Policies, and Future edited by Alfred Stepan cloth \$11.50 paper \$3.95

**Booth #40** YA

LE Yale University Press New Haven and London 76



### JUST PUBLISHED

**Economics**, Second Edition Daniel R. FUSFELD, University of Michigan Clothbound 1976

Test Item File Instructor's Manual Study Guide Transparency Masters

Introductory Economics, Third Edition Sanford D. GORDON, State University of New York - Albany George G. DAWSON, Empire State College

656 pages 1976 **Paperbound** Instructor's Manual Study Guide Test Item File Transparency Masters

Current Issues in the American Economy Edited by Robert C. PUTH, University of New Hampshire 368 pages 1976 Paperbound

### ALSO AVAILABLE

Labor Market Segmentation

Edited by Richard C. EDWARDS, University of Massachu-

setts - Amherst

Michael REICH, University of California at Berkeley David M. GORDON, New School for Social Research **Paperbound** 298 pages

Money and Banking: An Introduction to the Financial System

Thomas E. VAN DAHM, Carthage College 1975 Hardbound

530 pages

928 pages

Caveat Emptor! An Introduction to Consumer Problems Roger M. SWAGLER, Drake University 1975 **Paperbound** 269 pages

Dialectical Economics: An Introduction to Marxist Political **Economics** 

Lvn MARCUS, National Caucus of Labor Committees 1975 Hardbound 490 pages

The Theory of Microeconomic Policy Nancy Smith BARRETT, The American University 308 pages 1974 Hardbound

Theories of Poverty and Underemployment David M. GORDON, New School for Social Research **Paperbound** 186 pages

**Economics and Urban Problems** Heinz KOHLER, Amherst College

**Paperbound** 470 pages The Economics of Labor and Collective Bargaining

Second Edition William H. MIERNYK, West Virginia University 1973 Hardbound

531 pages



For details, call us toll free: 800-225-1388. In Massachusetts, call collect: 617-862-6650, Extension 1344

or contact your local office. D.C. Heath and Company

A Raytheon Company

Home Office: 125 Spring Street, Lexington, Massachusetts 02173 Sales Offices: Atlanta, Ga. 30318 / St. Louis, Mo. 63132 / San Antonio, Texas 78217 / Novato, Calif. 94947 / Toronto, Ontario M5H 1S9

## Economy Pack

### **MANAGERIAL FINANCE: Principles and Practice**

Steven E. Bolten, University of Houston

1976/717 pages/\$14.95/Instructor's Manual

MONEY: Whence It Came and Where It Went

John Kenneth Galbraith, Harvard University

1975/320 pages/\$10.00

### FINANCIAL INTERMEDIARIES: An Introduction

Benton E. Gup, University of Tulsa

1976/410 pages/\$13.95/Instructor's Manual

### HISTORY OF ECONOMIC THEORY: Scope, Method, Content

Harry Landreth, Miami University, Ohio

1976/524 pages/\$12.95

### MICROECONOMIC DECISIONS

Robert A. Meyer, University of California at Berkeley 1976/416 pages/\$11.95/Workbook/Instructor's Manual

### **ECONOMICS OF URBAN PROBLEMS, Second Edition**

Arthur F. Schreiber, Georgia State University; Paul K. Gatons and Rochard B. Clemmer, both of the Department of Housing and Urban Development

1976/416 pages/\$11.95

### **MANAGERIAL ECONOMICS**

Samuel C. Webb, Wichita State University 1976/553 pages/\$14.95/Solutions Manual

## Also available:

ECONOMICS: Concepts, Applications, Analysis

Sampson/Calmus

THE MONETARY PROCESS: Essentials of Money and Banking

Marshall/Swanson

MACROECONOMICS: Theory and Policy

Campagna

**ECONOMIC PROBLEMS OF LATIN AMERICA** 

Hunter/Foley

**ECONOMIC ISSUES AND POLICIES** 

Readings in Introductory Economics, Third Edition

Elliott/Grey

Take a look at these books and more at the Houghton Mifflin booth.

For adoption consideration, request examination copies from your Houghton Mifflin regional office.



Houghton Mifflin Atlanta, GA 30324 / Dallas, TX 75235

Geneva, IL 60134 / Hopewell, NJ 08525 / Palo Alto, CA 94304 / Boston, MA 02107

## AMERICAN UNIVERSITY PRESSES

THE AMERICAN ECONOMY: Income, Wealth and Want. Stanley Lebergott, *PRINCETON*, 1976, \$17.50

AMERICA IN AN INTERDEPENDENT WORLD: Problems of United States Foreign Policy. David A. Baldwin, ed., NEW ENGLAND, 1976, \$12.50 cl., \$6.50 p.

THE BALANCE OF PAYMENTS IN A MONETARY ECONOMY (The Irving Fisher Award Series). John F. Kyle, *PRINCETON*, 1976, \$12.50

COLLECTIVE BARGAINING IN THE ESSENTIAL AND PUBLIC SERVICE SECTORS. Morley Gunderson, ed., *TORONTO*, 1975, \$15.00 cl., \$5.95 p.

ENERGY AND THE ENVIRONMENT: A Structural Analysis. Anne P. Carter, ed., NEW ENGLAND, 1976, \$12.00

FRANTZ FANON: Social and Political Thought. Emmanuel Hansen, OHIO STATE, 1976, \$15.00

**GETTING TO KNOW THE TROUBLED CHILD.** David H. Looff, M.D., *TENNESSEE*, 1976, \$5.95 p.

IDEAL MAN IN CLASSICAL SOCIOLOGY. Peter Roche de Coppens, PENN STATE, 1976, \$14.50

INFLATION, TRADE, AND TAXES. David A. Belsley, Edward J. Kane, Paul A. Samuelson & Robert M. Solow, eds., *OHIO STATE*, 1975, \$15.95

THE INTELLECTUAL CAPITAL OF MICHAL KALECKI: A Study in Economic Theory and Policy. George R. Feiwel, *TENNESSEE*, 1975, \$22.50

THE MONETARY APPROACH TO THE BALANCE OF PAYMENTS. Jacob A. Frenkel & Harry G. Johnson, eds., TORONTO, 1976, \$35.00

**THE MUCKRAKERS.** Louis Filler, *PENN STATE*, 1976, \$12.50 cl., \$5.95 p.

THE ORIGINS OF THE NATIONAL RECOVERY ADMINISTRATION: Business, Government and the Trade Association Issue, 1921-1933. Robert F. Himmelberg, *FORDHAM*, 1976, \$20.00 cl., \$7.50 p.

PENNSYLVANIA 1776. Robert A. Secor, PENN STATE, 1975, \$15.00

**POWER POLICY IN CHINA.** Parris H. Chang, **PENN STATE**, 1975, \$13.50

SOCIAL CHANGE IN AN INDUSTRIAL TOWN. Michael P. Weber, PENN STATE, 1975, \$12.50

TALES OF POTOSI. Bartolome Arzans de Orsua y Vela, BROWN, 1975, \$12.50

THE TWENTY-FFTH AMENDMENT: Its Complete History and Earliest Applications. John D. Feerick, FORDHAM, 1976, \$12.50 cl., \$5.00 p.

AT AUPS EXHIBIT BOOTH

## WADSWORTH GIVES YOU FOUR GOOD REASONS TO VISIT OUR CONVENTION BOOTH

## 1. THE AMERICAN ECONOMY: A HISTORICAL PERSPECTIVE

by Richard K. Vedder, Ohio University

## 2. PRINCIPLES OF MACROECONOMICS by David C. Klingaman, Ohio University

## 3. EXCHANGE AND PRODUCTION: THEORY IN USE, SECOND EDITION

by Armen A. Alchian and William R. Allen, University of California, Los Angeles

## 4. THE MAKING OF ECONOMICS by E. Ray Canterbery, Florida State University

for information on these and other titles visit our booth at the convention or write to:

Box ASSA-10

## WADSWORTH PUBLISHING COMPANY, INC.

Belmont, California 94002



## BOOKS IN ENGLISH FROM THE USSR

FROM KEYNES TO NEOCLASSICAL SYNTHESIS

I. Osadchaya \$1.75

US BUDGET AND ECONOMIC POLICY, V. Usoskin R. Entov, S. Tarasenko \$2.25

USA: MILITARISM AND THE ECONOMY, R. Faramazyn \$2.75

THE SOVIET PLANNED ECONOMY, K. Plotnikov et al. \$2.75

ECONOMIC NEOCOLONIALISM, L. Klochkovsky \$3.50

OPTIMAL FUNCTIONING SYSTEM FOR A SOCIALIST ECONOMY, N. Fedorenko \$3.00

MONETARY CRISIS OF CAPITALISM, A. Stadnichenko \$2.75

ARAB STRUGGLE FOR ECONOMIC INDEPENDENCE, M. Ata Alla \$2.75

MAN, SOCIETY AND THE ENVIRONMENT, I. Gerasimov ed. \$3.50

THE NEW STRUGGLE FOR AFRICA, E. Tarabrin \$3.50

THE ECONOMIC CYCLE: POSTWAR DEVELOP-MENTS, S. Menshikov \$3.50

Visit us at booth 60



IMPORTED PUBLICATIONS, INC.

320 West Ohio Street • Chicago, Illinois 60610 Phone 312/787-9017



The Second Edition of the text that put the real world into the introductory course at more than 400 colleges and universities

## MANSFIELD ECONOMICS SECOND EDITION

The one-volume version
ECONOMICS: Principles, Problems, Decisions
Second Edition

The two-volume version
PRINCIPLES OF MACROECONOMICS
Second Edition

PRINCIPLES OF MICROECONOMICS
Second Edition

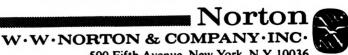
## Edwin Mansfield

University of Pennsylvania

Both versions accompanied by:

- Revised study guides
- Revised readings volumes
- Revised test item file

**Publication: February 1977** 



500 Fifth Avenue, New York, N.Y. 10036

## economics

## 1976 titles

## THE NEW INFLATION AND MONETARY POLICY

Edited by Mario Monti
Contributors include John Hicks, Karl Brunner, Franco Modigliani,
Robert Mundell, et al.
382 pages

## THE ECONOMICS OF THE OIL CRISIS

Edited by T. M. Rybczynski xxxvi, 202 pages

## A GENERALIZED THEORY OF INTERNATIONAL TRADE

H. Peter Gray ca. 220 pages

## EMPLOYMENT, INCOME DISTRIBUTION AND DEVELOPMENT STRATEGY: Problems of the Developing Countries

Edited by Sir Alec Cairncross and Mohinder Puri
Contributors include Jan Tinbergen, W. Arthur Lewis, Henry Bruton,
Dudley Seers, G. M. Meier, et al.
264 pages

## LAND CONCENTRATION AND RURAL POVERTY

Keith Griffin 303 pages

## THE FUTURE OF THE MULTINATIONAL ENTERPRISE

Peter J. Buckley and Mark Casson ca. 140 pages

## **INFLATION: The Price of Prosperity**

Brian Griffiths

"An excellent book of its kind. Should be particularly useful for senior undergraduate courses concerned with major social and economic problems."—Harry G. Johnson, University of Chicago. 300 pages

## HVI

HOLMES & MEIER PUBLISHERS, Inc. 101 Fifth Avenue, New York, N.Y. 10003

Visit us in booth 53

## KARL MARX (Reissue)

### David McLellan

A discussion of all Marx's titanic achievements — and their repercussions interwoven with a dramatic account of his personal life and a survey of the growth and nature of his reputation. Modern Masters.

0-14-004320-9

\$2.50

## JOHN MAYNARD KEYNES

## D. F. Moggridge

A reevaluation of Keynes and his achievements. "Who was this economist?... What were his intellectual origins, his characteristic modes of thought, his beliefs, his ideas?"

Modern Masters.

0-14-004319-5

\$2.50

Write for free catalogues.

PENGUIN



David G. Bowers
SYSTEMS OF ORGANIZATION
Management of the Human Resource

\$6.95

"The book will be extremely useful to students in industrial psychology, organizational psychology, organizational theory, and related areas."

-Professor Chris Argyris, Harvard University

Alexander Eckstein

CHINA'S ECONOMIC DEVELOPMENT The Interplay of Scarcity and Ideology

\$16.50

"... an important book that should be read by all those who are interested in the Chinese economy."

-A. Doak Barnett

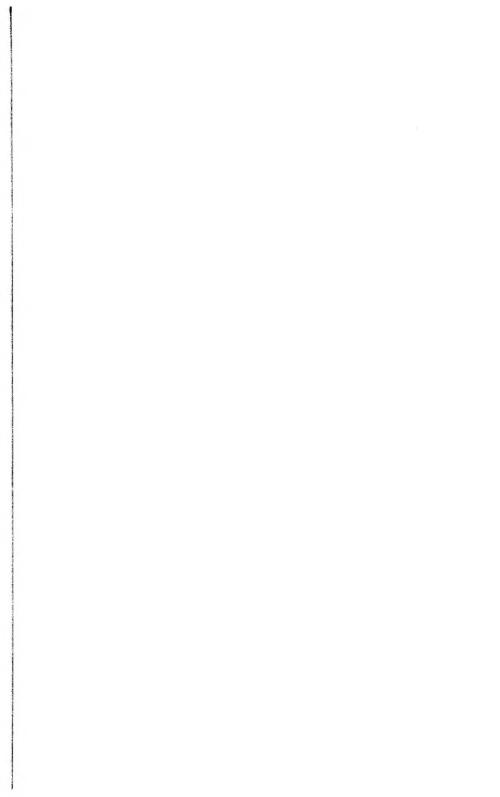
Peter O. Steiner

**MERGERS** 

Motives, Effects, Policies

\$12.50

m The University of Michigan Press



## **PARTICIPANTS**

## a

Abramovitz, Moses 65 Abrams, Burton A. 117 Adams, F. Gerard 126 Adams, Roy 72 Adams, Walter 47 Adelman, Irma 48, 59 Adler, Michael 77, 88 Ahlbrandt, Roger S., Jr. 120 Ahmad, J. 124 Ahmad, K. U. 42 Aho, Michael 125 Aiges, Stanley 36 Akin, John 90 Alexis, Marcus 39 Ali, Mukhtar M. 112 Aliber, Robert Z. 41 Allen, Jodie T. 75 Ames, Edward 116 Andersen, Leonall 65 Anderson, Bernard E. 56, 109, 114 Anderson, James E. 78 Anderson, Robert C. 49 Anderson, Stephen O. 53 Andic, Fuate M. 59, 78 Ando, Albert 117 Andrisani, Paul J. 56, 72 Antos, Joseph R. 97, 126 Aoki, Masanao 33 Apgar, William C., Jr. 76 Appelbaum, Elie 127 Araujo, Aloisio 34 Aronson, Richard 91 Arrow, Kenneth 40, 50 Artus, Jacques R. 93 Arzac, Enrique R. 35 Asch, Lawrence V. 119 Askin, A. Bradley 49 Aspinwall, Richard 51 Atkinson, Glen W. 67 Atkinson, Scott E. 45 Aubrey, Robert 52 Auerbach, Robert 93 Auten, Gerald 90 Avery, Robert B. 98

## b

Baer, Stephen 49 Baesel, Jerome B. 92 Bahl, Roy 102 Bailey, Elizabeth E. 45, 91 Bailey, Martin J. 70 Baker, Chester 74 Baker, Sam 125 Balasko, Y. 33 Bankston, Ed W. 83 Barbash, Jack 123 Barkin, Solomon 54 Barkume, A. 126 Barnett, W. A. 127 Barnow, Burt S. 115 Barrett, Nancy S. 39 Bartel, Ann 81 Barth, James 122, 125 Barton, David M. 127 Battle, Huev J. 109 Baum, Christopher F. 79 Baumol, William 31, 39, 100 Bautista, Romeo M. 44, 55 Bawden, Lee 82 Bays, Carson 82 Beck, Morris 100 Beja, Avraham 119 Bell, Carolyn Shaw 29, 64 Beller, Andrea 83 Benham, Alexandra 82 Benham, Lee 82 Bennett, Robert L. 75 Benston, George 51, 67 Benveniste, Lawrence 57 Ben-Ur, Joseph 49 Ben-Zion, Uri 99 Bergmann, Barbara R. 75 Bergson, Abram 50, 76 Berkowitz, Monroe 99 Berner, Richard 70, 126 Bernstein, Irving 87, 101 Bezdek, Roger H. 89 Biger, Nahum 92 Bilkey, Warren J. 62, 115, 124 Bilson, John 33 Bird, Richard M. 100 Bishop, John 43 Black, Fischer 78 Blitzer, Charles 44, 113 Bloch, Farrell 34, 44 Block, Richard 114 Blue, Richard N. 96 Blume, Marshall E. 41 Boisjoly, Russell P. 77 Boivin, Jean 72 Bonin, John P. 35 Borus, Michael E. 115 Boskin, Michael 87 Bossman, Frank 46 Bosworth, Barry 75 Bovet, Eric D. 85

Boulding, Kenneth E. 108, 118 Bowen, William 47, 114 Boyce, Richard 126 Boyd, J. Hayden 79 Boyd, James 45 Bradbury, Katharine 90 Bradford, David 87 Bradford, E. 43 Bradford, William 51, 85 Braunstein, Yale 39 Brealey, Richard 66, 119 Brennan, Michael 50, 78 Brillembourg, Arturo 94 Brimmer, Andrew F. 40, 75 Britain, Bruce 41 Britto, Ronald 35 Brock, William 98 Brodley, Joseph 37 Bronfenbrenner, Martin 64 Brosi, Kathleen 30 Brown, Bryan W. 110 Brown, Donald 33, 43, 53 Brown, Gardner M. 118 Brown, Murray 82 Brown, Randy 56 Browning, Paul B. 66 Bruck, Nicholas K. 96 Brueggeman, William B. 92 Brunner, Karl 48 Bryant, Ralph C. 88 Bunting, John R. 40 Burmeister, Edwin 65, 69 Burstein, Michael C. 71 Burton, John F., Jr. 99 Buse, Rueben 49 Bushe, Dennis 81 Butkiewicz, James L. 80 Butler, Charles 42 Butters, Gerald 121

## C

Calvo, Guillermo 57, 80
Camacho, A. 69
Canzoneri, Matthew 33
Capozza, Dennis 122
Capron, William M.
Carlton, Dennis 30
Carnoy, Martin 107
Carroll, John J. 46
Carroll, Stephen J., Jr. 36
Carter, R. A. L. 80
Cass, David 57, 81
Cavender, David 125

Caves, Douglas W. 79 Chang, Winston W. 112 Chanler, Cleveland A. 85 Chapman, J. 97 Chase, David 45 Chase, Kristine 77 Chase, Samuel B., Jr. 40 Cheit, Earl 47 Chen, Andrew H. 71, 92 Chen, Dean T. 38 Chen, Y. P. 46 Cherry, Robert 102 Chiswick, Barry 64 Chiswick, Carmel Ullman 48 Christensen, Laurits R. 45, 79 Choi, E. 43 Chung, Jae Wan 122 Chung, Joseph S. 89 Cicchetti, Charles J. 77 Clague, Christopher 44, 48 Clague, Ewan 85 Clark, Jeff R. 72 Clarke, Edward H. 66 Clawson, Patrick 37 Clay, James 124 Cline, William 96 Cloward, Dick 84 Clower, Robert 43, 65 Cochran, Kendall P. 68 Cochran, Willard W. 87 Cochrane, James L. 113 Coe, David T. 79 Cohen, Jacob 84 Coldwell, Philip E. 40 Coles, Flourney A., Jr. 85 Connolly, Michael 33, 112 Conrad, William E. 70, 121, 126 Cordes, Joseph 125 Cornell, W. Bradford 41, 43 Cosimano, Thomas F. 80 Costello, Kenneth W. 35 Cottam, Howard R. 73 Coughlin, P. 43 Cox. John 78 Cumberland, John 63 Curley, Anthony 66 Curran, Donald 90 Curtin, Richard T. 64 Cypher, James 60

## d

Dammert, Alfredo 126 Daniel, Betty 77 Dansby, Robert E. 35, 55 Danziger, Sheldon 122 Darby, Michael R. 32, 127 Davidson, L. 32 Davis, Frank G. 32, 85 Davis, Lance E. 88 Dechert, W. D. 57 De Kadt, Maarten 94 de Melo, Jaime 116 Denenberg, Tia S. 83 Dernburg, Thomas 93 Devine, E. J. 94 Dieffenbach, Bruce C. 70 Dillingham, Alan E. 69 Dillon, Adrian 114 Doeringer, Peter B. 83 Dogramaci, A. 32 Dore, Elizabeth 37 Dorfman, Nancy 31 Dorfman, Robert 31, 66 Dornbusch, Rudiger 57 Downing, Paul B. 67 Dreyer, J. S. 93 Dresch, Stephen 47 Due, John 124 Dugger, William M. 32 Dumas, Bernard 77, 88 Dunlop, John T. 113 Durgin, Frank A., Jr. 116 Dutta, Manoranjan 64 Dworkin, James B. 83 Dwyer, Cornelius 85 Dy Reyes, F. 32

#### e

Easterlin, Richard A. 61, 65 Edelstein, Michael 88 Edelstein, Robert H. 92 Edwards, Alfred L. 40, 105 Edwards, Linda Nasif 71 Egan, Frank 114 Ehemann, G. Christian 121 Ehrenberg, Ronald G. 34, 44, 81, 99 Eisner, Robert 75 Elek, Peter S. 108 Eliasson, Gunnar 75 Ellison, Julian 40 Emerson, Robert 97 Engle, Robert F., III 76, 96, 112 Epple, Dennis 127 Erickson, Ed 34 Evans, Paul 93

### f

Fair, Ray 45 Farber, Henry S. 99 Farkas, D. 69 Farman, Richard L. 49 Feder, Gershon 113 Feige, Edgar L. 98 Fein, Barbara 58 Feiwel, George R. 74 Feldstein, Martin S. 75, 87 Fels, Rendigs 89 Feltenstein, A. 33 Ferguson, Allen 119 Feuille, Peter 72 Field, Barry 118 Field, C. A. 57 Field, Charles G. 120 Findlay, M. Chapman, III 42 Finn, Daniel K. 68 Firch, Robert 74 Firestine, Robert 102 Fisher, Anthony C. 118 Fisher, Robert M. 58, 101 Flaherty, Diane 102 Flamm, Kenneth 68 Forst, Brian 30 Forsythe, Robert 53 Foster, Margery Somers 59 Fox. Karl A. 38 Frank, Robert H. 34, 98 Franklin, Stephen 64 Frazer, William J. 54 Freedman, Charles 88, 110 Friedman, Bernard 71 Friedman, Joseph 128 Frisch, Jack 59 Fromm, Gary 38, 76, 123 Froven, R. 32 Fry, Maxwell 59 Futia, Carl 98

# g

Gabrielson, Arne 127 Galleher, Rick 94 Gallman, Robert E. 65 Gallop, Frank M. 45 Gamble, Christopher 45 Garcia, Crisostomo 34 Gardner, B. Delworth 74 Gardner, Bruce 74 Gardner, R. 128

Gatons, Paul K. 51 Gau, George W. 42 Gay, Robert S. 115 Geiss, Charles G. 110 Gerber, Martin 46 Getman, Julius 113 Geweke, John 32, 112, 122 Ghosh, Dilip K. 68, 113 Giallourakis, Michael Cosmos 52 Gilbert, Richard 30 Gill, David 59 Gilman, Harry 69, 81 Ginsberg, Alan 56 Girton, L. 57 Glade, William 52 Glennie, John 82 Glover, Robert W. 72 Glyde, G. P. 32 Goldberg, Itzhak 30 Goldfarb, Robert 44 Goldman, Fred 71 Goldsmith, Raymond W. 88 Goldstein, Henry N. 124 Golembe, Carter H. 92 Golub, Howard 36 Gordon, Robert J. 38, 48 Gordon, Wendell 52 Grabowski, Henry G. 117 Graham, Harvey N. 54 Grampp, William D. 90 Granick, David 89 Greene, Kenneth 90 Greene, William H. 45, 70 Greer, Edward 54 Gregory, Karl D. 83, 109 Gregory, Paul 89 Grier, Eunice 114 Grieson, Ronald E. 97, 112 Griffen, James M. 125 Grossman, Herschel 43 Grossman, Michael 71, 120 Grossman, Sanford J. 66, 98, 111 Groves, Theodore 66 Grubb, Norton 60 Gruber, Martin J. 31 Gruchy, Allan G. 95 Gruenberg, Gladys 62 Guillen, Demitrio Bolanos 52 Gupta, S. Das 57 Guttentag, Jack M. 40, 66, 92

# h

Haessel, Walter 56 Hailstones, Thomas J. 115

Hakansson, Nils 119 Hall, Robert E. 30, 121 Halverson, Robert 35 Hamada, R. 50 Hamilton, Bruce 124 Hamilton, Carl W. 42 Hansen, Lee 84 Hanson, Donald A. 49 Haring, Joseph 97 Harkness, Jon 79 Harmon, David R. 73 Harmston, Floyd K. 79 Harris, Britton 122, 128 Harris, Curtis C. 58 Harris, Joseph 95 Harris, M. 111 Harris, Robert 79 Harrison, Bennett 29, 56 Harriss, C. Lowell 100 Hart, Albert G. 108 Hartley, Michael J. 121 Haskell, Mark 67 Haspel, Abraham E. 69 Hause, John 35 Haworth, Charles T. 108 Haworth, Joan G. 108 Hazard, John L. 77 Hazledine, Tim 117 Heath, Pamela 83 Heien, Dale 38, 127 Heilmann, Ronald L. 109 Helburn, Suzanne Wiggins 84 Hellinger, Fred J. 82 Hellwig, Martin 98, 111 Helpman, Elhanan 111, 116 Henderson, Dale W. 57, 80, 88 Henderson, John 119 Henle, Peter 46 Henneberry, Barbara 117 Herendeen, James B. 29 Hewlett, James 114 Hewlett, Sylvia 54 Hickman, Bert G. 48 Hicks, Sidney S. 117 Hight, Joseph E. 114 Hildred, William M. 67 Hill, Lewis E. 42 Hillinger, Claude 110 Hillman, Jimmye 74 Hinich, Melvin 53 Hinrichs, Harley 59 Hipple, F. Steb 124 Hirsch, Abraham 91 Hirsch, Werner Z. 51 Hirshleifer, Jack 39, 55

Hnyilicza, E. 71 Hochman, Harold 90 Hogson, Jacqueline L. 52 Hoel, Michael 71 Hoffman, Emily P. 97 Holen, Arlene 34 Holesovsky, Vaclav 90 Hollander, Samuel 100 Hollenbeck, Kelvin 114 Hollister, Robinson G. 81 Holmes, James M. 33, 80 Holt, Charles C. 75 Horner, David 126 Horowitz, Ira 37 Horowitz, Stanley A. 81 Horton, Joseph 124 Horton, Robert V. 73 Horvath, Janos 118 Hoskins, W. Lee 98 Howe, Howard 49 Howitt, P. 43 Hsiao, Cheng 96 Hsiao, William C. 109 Hu, Sheng Cheng 111 Hu. Teh-Wei 120 Huang, Lien-fu 82 Hughes, J. R. T. 65 Hulten, Charles R. 70 Humphrey, Melvin 85 Hurwicz, Leonid 50 Hutchens, Robert 111 Huttenback, Robert A. 88 Hvde, William F. 53

lacobelli, John 72 Ingersoll, Jonathan 78 Ingram, Greg 122, 127 Inman, Robert P. 71

Ioannides, Yannis M. 89 Ireland, M. Edwin 98

Jacobs, Donald P. 92 Jacobs, Eva 49 Jaffee, Dwight 88 James, Franklin J. 76 Janowitz, Barbara 44 Jaynes, Gerald 40, 81 Jedel, Michael J. 72 Jehn, Christopher 94 Johannes, James M. 98 Johnson, David 99 Johnson, Dudley 65 Johnson, Harry G. 91 Johnson, Keith 48 Johnson, Robert W. 67 Johnson, Shirley 64 Johnson, Stanley R. 38 Johnson, Thomas 101 Jondrow, James M. 45, 56 Jones, Barbara 83, 109 Jones, Donald W. 84 Jones, Lamar B. 52 Jones, Ralph T. 72 Jorgenson, Dale 49 Joseph, Myron 89 Joskow, Paul 31 Jud. G. Donald 72 Juris, Hervey A. 72 Just, Richard 38, 113

## k

Kacser, Pamela Haddy 114 Kagann, Stephen 40 Kahn, Alfred E. 91 Kahn, Lawrence M. 44 Kahn, M. A. 128 Kain, John F. 76 Kaiser, H. Fred 53 Kanes. David 52 Kaplan, Donald M. 42 Karlson, Stephen 45 Kassalow, Everett 113 Katsenelinboigen, Aaron 76 Katz, Arnold 43, 115 Katzner, Donald W. 39 Kaufman, George 91 Kazmer, Daniel R. 89 Keating, Barry 78 Keeler, Theodore E. 79 Keesing, Donald 56 Kehrer, Kenneth C. 29 Keller, Robert R. 117 Keller, Roland H., II 42 Kelley, Allen 89 Kelly, Jerry 43, 50 Kendrick, David 33, 126 Kenen, Peter 117 Kennedy, Stephen 127 Kerachsky, Stuart H. 34, 81, 82 Kerr, Clark 113 Kihlstron, Richard 34, 98 Killingsworth, Charles 83 Kim, E. Han 31

King, Christopher T. 32 King, Donald W. 40 King, Jill 114 Klein, Lawrence R. 86 Klein, Philip A. 86 Klein, Walter H. 67 Kneese, Allen 31 Kniesner, Thomas J. 30 Kobrin, Stephen J. 83 Kochan, Thomas A. 114 Kohen, Andrew I. 72 Kohlhepp, Daniel 42 Kohli, Ulrich J. 70 Kolluri, B. R. 122 Kolodny, Robert 120 Komesar, Neil 109 Koo. Anthony Y. C. 79 Kornblith, Elinda B. F. 44 Kosobud, Richard 44 Kourilsky, Marilyn 84 Kraft, Arthur 122 Kraft, John 41, 45, 122 Kraus, Alan 119 Kravis, Irving B. 48 Krugman, Paul 57 Krutilla, John V. 118 Kugel, Yerachmial 62 Kuhlman, John 89, 110 Kuhn, James 123 Kumar, T. K. 127 Kunreuther, Howard 117 Kuzmack, Richard A. 94 Kuznets, Simon 61 Kydland, Finn 71 Kyn, Oldrich 90

Labys, Walter C. 113 Lachman, J. A. 120 Laffer, Arthur 93 La Font, Jean-Jacques 98 Lagace, Gerard L. 49 Laibman, David 74 Laidler, David 93 Lampman, Robert J. 46 Landsberger, M. 111 Lang, Ronald 72 Laroque, G. 33 Lave, Lester 31 Lawrence, Anthony G. 45, 126 Lebergott, Stanley 65 Lederer, Walter 85 Lee, Eric Y. 113

Lee, Pong S. 90 Lee, Wayne 77 Leibowitz, Arleen 71 Leitmann, George 70 Lekachman, Robert 41 Leland, Hayne 66 Leptin, Gert 89 Lerman, Robert I, 29 Lerner, Abba P. 50 Le Roy, Stephen F. 70 Leuthold, Jane H. 64 Leveson, Irving 97 Levey, David 115 Levin, Jay H. 33 Levin, Jeffrey E. 80 Levin, Sharon G. 69, 90 Levine, Herbert S. 76, 89 Levy-Lambert, Hubert 87 Lewin, David 113 Lewit, Eugene M. 71 Libecap, Gary 84 Lindsay, Robert 75 Linneman, Peter 122 Lins, David A. 74 Lipschitz, Leslie 125 Lipsey, Robert E. 48 Lipsky, David B. 123 Litzenberger, Robert 50 Liu, Ben-chieh 62 Lloyd, Jack 52 Loehman, Edna 97 Loescher, Samuel M. 119 Lombardi, John W. 113 Lombra, Raymond 29 Lorenzen, Stephen 42 Lutz, Mark A. 54 Lyman, R. Ashley 35

#### m

Machlup, Fritz 39, 40
MacLean, L. 57
Madalla, G. S. 45
Madden, Janice 56
Magee, Stephen 55, 99
Mageirou, E. F. 68
Magill, Michael 57
Malkiel, Burton G. 51, 75
Mallar, Charles D. 34, 82, 121
Malloy, Arthur J. 49
Mamer, John 52
Manchester, Alden 49
Mann, Judith K. 109
Mansfield, Ed 110
Manski, Charles F. 121

Maravall, Agustin 96 Marcus, Alan 35 Marfels, Christian 119 Margolis, Julius 87 Mariano, Roberto S. 80, 96, 110 Marris, Robin 93 Marschak, Jacob 105 Marschak, Thomas 50 Marshall, Ray 52, 71 Marston, Richard C. 116 Marston, Stephen 34 Martin, David D. 36, 54 Matthews, Steven A. 53 Mayer, Thomas 40 Maxfield, Myles, Jr. 114 Maynard, Rebecca A. 29 Mayo, Stephen K. 128 Mbatia, O. L. E. 39 McCain. Roger A. 89 McConnell, John J. 92 McCulloch, Rachel 56 McDonnell, John 31, 82 McDonough, Carol C. 29 McDougall, Gerald 51 McFadden, Daniel 121 McGouldrick, Paul F. 56 McGuire, Timothy W. 127 McKechnie, Graeme 72 McKenzie, Lionel W. 81 McKenzie, Richard B. 68 McKersie, Robert B. 37, 46, 63 McKinnon, H. Alexander 42 McKinnon, Ronald 48, 88 McNichol, David L. 126 McNulty, Paul J. 91 Measday, Walter 36 Meata, J. F. 96 Meginniss, J. R. 68 Mellow, Wesley S. 34 Melody, William 91, 96 Meltzer, Alan H. 48 Merkel, Jack 52 Merton, Robert C. 78, 81 Mesa-Lago, Carmelo 107 Messner, Stephen D. 42 Meyer, John R. 77 Meyer, Peter 73 Meyer, Robert A., Jr. 55 Michaels, Robert J. 120 Michalik, Benjamin A. 62 Mieszkowski, Peter 97 Milenkovitch, Deborah D. 76 Miles, Mike 51 Miller, Merton H. 103 Miller, Richard U. 47

Mills, Edwin S. 97 Minsky, Hyman 40 Mirman, Leonard J. 57, 69, 81 Mishan, E. J. 118 Mitchell, Bridger 55 Mixon, W. 126 Miyao, Takahiro 69 Modigliani, Franco 105 Moffitt, Robert A. 82, 122 Moon, Marilyn 56 Moore, Gary 32 Morgan, Frederick W. 98 Morgenstern, Oskar 85 Morrison, George R. Morrissett, Irving 84 Morton, Desmond 72 Moser, Collette 83 Moshel, Yair 99 Muczyk, Jan P. 36 Mueller, Marnie W. 108 Mueller, Willard F. 54 Muench, Tom 98 Mulkeen, Jay 120 Muller, Ronald 94 Munch, Patricia 108 Mundell, Robert 93, 101 Mundlak, Yair 96 Munley, Vincent 90 Munnell, Alicia 46 Murnane, Richard 97 Murray, Roger 109 Murrell, Peter 76 Musgrave, Peggy 124 Musgrave, Richard 76 Muskin, Jerold B. 118 Mvers, Charles A. 113 Myers, Stewart 50, 119

#### n

Nafziger, E. Wayne 48
Narasimham, Gorti V. L. 35, 70
Naylor, Thomas H. 85
Neenan, William B. 90
Neftci, Salih 123
Nelson, Louise 76
Nelson, Richard N. 85
Nelson, Richard R. 75
Neuburger, Hugh M. 84
Newman, Frank 47
Newman, Harold 52
Nicholas, James C. 62
Nicholson, Walter 114
Niehans, Jurg 88

Nishimura, Kazuo 34 Nissen, David 35 Nitzan, S. 43, 68 Noah, Harold J. 107 Nollen, Stanley D. 108 Noman, Kamran 43 Nordhaus, William D. 89, 118 Norman, Donald A. 118 Nutler, G. Warren 90

#### 0

Oakland, William 124 Oates, Wallace 93, 124 Obbotson, Roger 109 Obst, Norman P. 70 O'Connor, J. F. 68 Oi, Walter Y. 127 Okner, Benjamin 64 Oksanen, Ernest H. 79 Olsen, Edgar O. 127 Olsen, Randall 99 Olson, Mancur 93, 118 O'Neill, Dave 69 O'Neill, James B. 84 O'Neill, June 64 O'Neill, William 44 Orcutt, Guy H. 49, 75 Orr, Larry 81 Osborne, Alfred 51 Oster, Gerry 40 Ostrov. J. M. 33 Otani, Ichiro 125 O'Toole, Dennis 84

# p

Paarlberg, Don 87 Palash, Carl 126 Palmer, John 56 Palmer, Ransford 59 Panzar, John 55 Papanek, Gustav F. 96 Papdemos, L. D. 68 Parker, Judson 85 Parker, William N. 88 Parkin, J. M. 48 Parks, Robert 43, 53 Patten, Thomas H., Jr. 36 Pauly, Mark 124 Peled, D. 111 Perlo, Victor 95 Perrakis, S. 45 Petersen, John 91

Peterson, George 76 Peterson, Richard L. 51 Peterson, Wallace C. 86 Phelps, Charles 121 Phelps, Charlotte D. 30 Phillips, Almarin 92 Pierce, David A. 96 Pierce, James L. 75, 92 Pindyck, Robert S. 34, 49, 71 Plosser, Charles 112 Poirier, Dale J. 74 Polachek. Solomon W. 30, 69 Polemarchakis, H. 33 Polenske, Karen 58 Policano, A. 43 Poole, William 99 Popkin, Joel 39 Portney, Paul 93 Possen, Uri M. 80 Postelwaite, Andrew 69 Prescott, Edward 98, 111 Prewo, Wilfred 113 Primont, Daniel 126 Protopapadakis, Aris 41 Purcell, Thomas V. 67 Puryear, David 102 Pvatt. Graham 48 Pyhrr, Stephen A. 42

# q

Quandt, Richard 121

#### r

Radner, Roy 81 Ragas, Wade 76 Ranson, Baldwin 96 Rappaport, Paul 108 Ravin, A. 111 Raviv, Artur 127 Ray, Edward John 49 Razin, Assaf 116 Reagan, Barbara 37, 74, 116 Reese, Jim 42 Regan, Patrick 109 Reid, Joseph D., Jr. 84 Rein, Martin 29 Reiter, Stanley 50 Revankar, Negesh S. 96 Reynolds, Bruce L. 116 Reynolds, Clark 59, 94 Reynolds, Robert J. 127 Rhee, Yung W. 44, 79

Richter, Donald 128 Riddell, Thomas 54 Riley, John 39, 127 Ripley, Duncan 41 Riskin, Carl A. 107 Robb, Edward 90 Roberts, H. Kirk 92 Roberts, John 128 Robertson, Terry D. 42 Robichek, Alexander A. 47 Robinson, James B. 73 Robinson, Peter 112 Robinson, Sherman 48, 75 Rock, Eli 123 Rodekohr, Mark 45, 119 Rodriguez, C. 57 Rogalsky, Richard 77 Rohlff, Jeffrey 112 Rohrlich, George J. 78 Rostacher, Elizabeth A. 29 Roll, Charles R., Jr. 107 Rolnik, Art 32, 126 Romer, Thomas 97 Roop, Joseph M. 38 Roper, D. 57 Roper, Richard 59 Rose. Stephen 95 Rosenberg, Joel B. 110 Rosenberg, Nathan 65 Rosenthal, Howard 97 Rosovsky, Henry 65 Ross, Stephen 66 Rostow, Walt M. 88 Rousch, Calvin T. 118 Rowell, D. R. 80 Rozen, Harvey 90 Rubenstein, Benjamin 36 Rugman, Alan M. 112, 124 Russell, Clifford 93 Rutledge, John 65 Rutner, Jack 93

#### S

Sachdeva, Kanwal 77
Sadka, Efraim 111
Saffran, Bernard 74
Saidi, N. 57
St. Antoine, Theodore 36
Salant, S. 57
Salemi, Michael K. 70
Salkever, David 121
Salop, Steven 121
Salvatore, Dominick 44
Samuelson, Paul A. 100

Sandell, Steven H. 97 Sanker, U. 45 Sant, Donald T. 80 Sapir, Andre 110 Sargen, Nicholas 41 Sattinger, Michael 81 Sauter, John 124 Saving, T. R. 127 Sawa, Takamitsu 80 Sawhill, Isabel 64, 83 Scarperlanda, Anthony 32 Schaefer, Mark E. 121 Schaefer, Stephen 119 Scherer, Frederic Michael 31, 110, 118 Schiller, Bradley R. 81, 109 Schlesinger, Leonard 123 Schmitz, Andrew 113 Schnittker, John A. 73, 87 Schoolman, Mary N. 114 Schrimper, Ron 49 Schroeder, Larry 102 Schroff, M. R. 96 Schultze, Charles L. 39 Schwalberg, Barney K. 107 Schwartz, Eduardo 78 Schwartz, Robert A. 117 Schweitzer, Dennis L. 53 Schwert, G. William 112 Scoville, James G. 123 Seitz, Peter 123 Seneca, Joseph L. 30 Settle, Russell F. 117 Shaffer, James D. 87 Shalala, Donna 102 Sharpe, William F. 91, 109 Sharshar, Abdelaleem 116 Shaw, Lois B. 82 Shay, Robert P. 67 Sheehan, Thomas H. 108 Sheikh, Munir A. 110 Shell, Karl 111 Shenkel, William M. 76 Shepherd, William G. 87, 91 Sherman, Allan 81 Sherman, Howard 41 Sherman, Roger 55, 117 Shiller, Robert J. 70 Shome, Parthasarathi 111 Shoven, John 39 Shute, Laurence 95 Siegel, Jeremy 43, 126 Siegfried, John J. 73, 118 Siler, Ann 114 Silk, Leonard 89, 119 Simms, Margaret 85

Simon, Julian L. 49 Sims, Christopher 99, 112 Sims, Henry P., Jr. 36 Sinai, Allen 84 Singer, Neil 124 Singleton, K. 32 Sloan, Frank A. 82 Slobko, T. 97 Slusher, E. Allen 36 Slutsky, Steven 53, 80 Smeeding, Timothy 64 Smith, Barton 128 Smith, Brett A. 74 Smith, James D. 75, 109 Smith, James F. 67 Smith, Lawrence B. 92 Smith, Ralph E. 39 Smith, Sharon P. 94 Smith, V. Kerry 118, 122 Snow, Marcellus S. 99 Solnik, Bruno 77 Solo, Robert 67 Sonnenschein, Hugo 42, 121 Sontheimer, Kevin C. 110 Soper, John C. 73 Sorrentino, John A. 118 Soutar, Douglass 123 Spann, Robert 45 Spatt, C. 128 Spellman, Lewis J. 51 Spence, A. Michael 31, 40, 121 Spengler, Joseph 100 Spiegelman, Robert 82 Spivack, Berel 33 Staelen, Richard 127 Stamos, Steve 95 Stanfield, J. Ron 95 Stanners, Thomas M. 94 Stapleton, David C. 99 Stapleton, R. C. 50 Starkey, Herbert 59 Starleaf, D. 32 Stauber, Leland G. 116 Stegman, Michael A. 120 Stehle, Richard 77 Stein, Martin 58 Steinberg, Edward 64 Stephen, Paula 69 Stephenson, Stanley 114 Stewart, Douglas 90 Stiglitz, Joseph 87 Stokes, Houston H. 84 Stolpher, Wolfgang F. 90 Stone, Bernell K. 31

Strauss, George 123

Strober, Myra 64 Strotz, Robert H. 47 Suarez, James M. 67, 100 Subrahmanyam, M. G. 50 Summers, Anita 97 Summers, Robert 80 Sutherland, W. R. S. 57 Swamy, P. A. V. B. 96 Sweezy, Paul 76 Swinton, David H. 40 Szenberg, Michael 113

#### t

Tabb, William 102 Takacs, Wendy 55 Takekuma, S. 128 Taliaferro, Richard T. 42 Tannen, Michael B. 56 Tanner, J. Ernest 32 Taubman, Paul J. 69 Taylor, Dean G. 33 Taylor, Ron 52 Taylor, William E. 80 Tener, Jeffrey B. 52 Tepper, Irwin 109 Teyssier, Ezequiel 52 Thomas, Kenneth 123 Thornton, Ivan 109 Thurow, Lester 30 Thygerson, Kenneth 92 Tideman, T. Nicolaus 66, 93 Tietenberg, Thomas 73 Timar, Janos 107 Tinari, Frank D. 62 Tito, Dennis 109 Tobin, James 117 Toda, Yasushi 56 Townsend, R. M. 111 Tractenberg, Paul 59 Trebing, Harry M. 95 Treynor, Jack 109 Triplett, Jack E. 38, 127 Tsao, James T. H. 79 Tsukahara, Theodore, Jr. 82 Tsurumi, Hiroki 45 Tucker, Donald 126 Tuckman, Howard P. 108 Tullock, Gordon 66, 76, 93 Turgeon, Lynn 37, 107 Turnbull, S. McL. 50 Turnovsky, Steven J. 65 Tweeten, Luther G. 87

#### u

Ullah, Aman 80 Umstead, David A. 41 Underwood, John 35 Updegraff, Gail 82 Upton, Charles W. 51 Uri, Noel D. 55 Uzoaru, Benjamin O. 110

#### V

Vaccara, Beatrice N. 75 Van Aken, Robert C. 53 Van Horne, James C. 31, 91 Van Order, Robert 122 Verleger, Philip 58 Vernon, John 117 Vernon, Robert 44 Vickrey, William A. 66, 78, 108, 124 Villar, Mario 52 Vinje, David L. 39 Viscusi, W. Kip 69 Visscher, Michael 55 Vogely, William A. 85 Volcker, Paul 47 Von Furstenberg, George M. 51 Vroman, Wayne 56, 99

#### W

Wachtel, Howard M. 108 Wachtel, Paul 117 Wachter, Michael 43 Wachter, Susan M. 98 Wagner, Martin 58 Wagner, Richard E. 51 Wald, Haskell P. 119 Walker, James L. 72 Walker, John L. 53 Walker, M. 98 Wallace, Luther T. 87 Wallace, Neil 33, 65 Wallich, Henry C. 119 Walsh, Vivian 54 Walters, Alan W. 79 Walton, Richard 123 Wan, Henry, Jr. 68, 70 Wang, G. 32 Ward, Benjamin 110 Ward, Michael D. 35

Ward, Richard J. 78 Warner, Jerold B. 31 Warskett, George 111 Waters, William R. 101 Watts, Harold 29 Waverman, Len 45 Weaver, James H. 96 Webbink, Douglas W. 119 Weber, Warren E. 80 Weber, William 92 Webster, Arthur C., III 77 Weeks, John 37 Weicher, John C. 51 Weidenaar, Dennis 73 Weidenbaum, Murray L. 75 Weinberg, Arthur 46 Weinberg, Nat 123 Weinstein, Bernard 73, 102 Weintraub, Robert 92 Weiss, Randall D. 81 Welch, Patrick J. 42 Wentworth, Don 84 Werner, Jack 120 West. Richard 91 Westerkamp, Patrick 35 Westphal, Larry 44, 68, 79 Weymark, John 112 Wheaton, William 97, 122, 128 Wheeler, Jimmy W. 77 White, Lawrence J. 110 White, Michelle 39 Whiting, Jack E., Jr. 34 Whyte, Charles D. 109 Wilbur, Charles 67 Williams, Anne D. 71 Williams, Brian 72 Williams, James R. 79 Williams, Martin 122 Williamson, Oliver 30 Willig, Robert D. 35, 121 Wilson, John F. 55 Wilson, Thomas F. 108 Windmuller, John P. 113 Windsor, Roger M. 120 Winer, Stanley L. 110 Winston, Gordon C. 30 Winter, Sidney G. 35, 75 Wise, David 121 Witherell, William 94 Witte, James G. 117 Wittman, D. 42, 53 Wolff, Edward 54, 81 Wolin, Charles 108 Woodward, Robert S. 69 Woodworth, Laurence N. 100

Wortman, Max S. 36 Wright, Colin 51 Wu, Sy. 30 Wurtzebach, Charles H. 51 Wyss, David 123

## y

Yamazaki, A. 128 Yeh, Bessie P. 93 Yett, Donald E. 108 Yezer, Anthony 125 Yinge, John 122 Yohe, Gary 112 Young, H. Edwin 47 Young, James 91 Yunker, James A. 78

#### Z

Zabel, Ed 71
Zausner, Eric R. 77
Zeitner, Randolph H. 38
Zerbinis, J. 45
Zilberfarb, Ben-Zion 55
Zilcha, Itzhak 57, 128
Zinam, Oleg 96
Zingler, Ervin K. 63
Zoloth, Barbara 56
Zwick; Charles J. 40

#### **NOTES**

# **New and Forthcoming Titles**

#### **Essays in Modern Capital Theory**

edited by MURRAY BROWN, KAZUO SATO and PAUL ZAREMBKA, State University of New York at Buffalo

1976 . 386 pages . US \$34.75/Dfl. 90.00

## An Annual Growth Model of the US Economy

by BERT HICKMAN, Stanford University, and ROBERT COEN, Northwestern University

1976 . 310 pages . US \$36.50/Dfl. 95.00

## **Econometric Studies of US Energy Policy**

edited by DALE JORGENSON, Harvard University

1976 . 272 pages . US \$26.95/Dfl. 70.00

#### **Foundations of Econometrics**

by ALBERT MADANSKY, University of Chicago

1976 . 278 pages . US \$21.25/Dfl. 55.00 Paperback: US \$13.50/Dfl. 35.00

### **International Investment Planning:**

An Integrated Approach

by CLAUDE POMPER, First National City Bank, New York

1976 . about 220 pages . In preparation

#### **Monetarism**

edited by JEROME STEIN, Brown University, Providence 1976 . 348 pages . US \$38.00/Dfl. 100.00

## Theory and Measurement of Consumer Demand

edited by HENRI THEIL, University of Chicago

Vol. 1: 1975 . 350 pages

Clothbound: US \$14.75/Dfl. 38.00. Paperback: US \$ 8.90/Dfl. 23.00

Vol. 2: 1976 . about 500 pages

Clothbound: US \$17.95/Dfl. 46.50. Paperback: US \$12.95/Dfl. 33.50

# **North-Holland Publishing Company**

P.O. Box 211, Amsterdam, The Netherlands 52 Vanderbilt Avenue, New York, N.Y. 10017