CURRICULUM VITAE

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Education: Ph.D. Harvard University, 1970 (Economics)

M.A. Harvard University, 1967 (Economics)

B.S. Cornell University, 1964

Current Positions:

William B. and Mary Barb Johnson Professor of Law and Economics Co-Director, Institute for Law and Economics

Professional Experience:

sional Experience.		
2012-	William B. and Mary Barb Johnson Professor Law and Economics	
1993-2012	William B. Johnson Professor of Law and Economics	
1984-	Director, Institute for Law and Economics	
1998	Interim Provost	
1995-1997	Deputy Provost	
1984-	Professor of Law	
1980-1992	Professor of Management	
1976-	Professor of Economics	
1976-1981	Consultant, Wharton Econometric Forecasting Associates	
1975-1982	Research Associate, Population Studies Center	
1975-1980	Editorial Board, The Wharton Magazine	
1975-1979	Faculty Assistant to the President	
1973-1976	Associate Professor of Economics	
1969-1973	Assistant Professor of Economics	
	Other Research Positions	
1980-2013	Consultant, United States Postal Service	
1976-1989	Senior Advisor, Brookings Panel on Economic Activity	
1980-1984	Member, National Council on Employment Policy	
1978-1984	Research Associate, National Bureau of Economic Research	
1978-1984	Co-editor, <u>Perspectives in Economics</u> series, published by Addison-Wesley	
1979-1981	Consultant, Joint Economic Committee	
1978-1981	Commissioner, Minimum Wage Study Commission, Congressional	
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Commission (established by Public Law 95-151, 95th Congress)

1978-1980	National Science Foundation, Advisory Committee, Division of Applied
	Research
1977-1979	Consultant, Office of Naval Research
1977-1978	Consultant, American Federation of State, County, and Municipal Employees,
	Pennsylvania
1976-1978	Consultant, Council of Economic Advisors
1976,1982	Consultant, Board of Governors, Federal Reserve System
1976-1978	Consultant, National Commission for Manpower Policy
1975-1979	Consultant, Congressional Budget Office
1975	National Bureau of Economic Research, Conference on Income and Wealth
1974-1975	Brookings Panel on Economic Activity
1974	Visiting Research Associate, Department of Economics, Princeton University
1974	Consultant, Cost of Living Council
1970-1972	Consultant, National Analysts, Inc., OEO-DHEW Family Planning Project
	Evaluation
1966-1968	Assistant Economist, Federal Reserve Bank of New York (summers)

Professional Organizations:

American Economic Association American Law and Economic Association Industrial Relations Research Association

Academic Fellowships and Research Support:

1984-	Institute for Law and Economics, University of Pennsylvania
1980-1984	General Electric Foundation Grant
1981-1983	National Institute of Child Health and Human Development Grant No. 3 RO1
	HD 05427, with Richard A. Easterlin
1978-1982	Twentieth Century Fund Grant
1977-1980	National Institute of Child Health and Human Development Grant No. 2 RO1
	HD 05427, with Richard Easterlin
1977-1979	General Electric Foundation Grant
1974-1977	National Science Foundation Grant No. SOC 74-20292, with Stephen A. Ross
1974-1977	National Institute of Child Health and Human Development Grant No. 1 RO1
	HD 05427, with Richard Easterlin
1972-1974	National Science Foundation Grant No. GS 35780, with Stephen A. Ross
1972-1974	National Institute of Child Health and Human Development Grant No. 5 RO1
	HD 07093
1972-1973	Julian and Janice Bers Professorship in the Social Sciences
1968-1970	U.S. Department of Labor Manpower Grant
1967-1968	Ford Foundation Dissertation Grant
1964-1965	Woodrow Wilson Fellow

Publications:

<u>Finding the Right Balance in Appraisal Litigation: Deal Price, Deal Process, and Synergies,</u> co-author Lawrence A. Hamermesh, Bus. Lawyer (forthcoming, 2018).

- Adolf Berle, E. Merrick Dodd and the New American Corporatism of 1932, in Research HANDBOOK ON THE HISTORY OF CORPORATE LAW, Harwell Wells, ed. (Edward Elgar, 2018) (with William B. Bratton).
- <u>The Importance of Being Dismissive</u>, co-author Lawrence A. Hamermesh, 42 J. CORP. L. 597 (2017).
- Bankers and Chancellors, co-author William B. Bratton, 93 TEXAS LAW REVIEW 1 (November 2014).
- The Striking Success of the National Labor Relations Act, 37 REGULATION 20 (Spring 2014).
- A Theory of Preferred Stock, co-author William B. Bratton 161 U. of PA LAW REVIEW, 69 (2013). Selected as one of the "Top Ten Corporate and Securities Articles of 2013."
- Shareholders and Social Welfare, co-author William W. Bratton, 36 SEATTLE UNIVERSITY LAW REVIEW 849 (2013)
- The Striking Success of the National Labor Relations Act, RESEARCH HANDBOOK ON THE ECONOMICS OF LABOR AND EMPLOYMENT LAW, coedited with Cynthia L. Estlund, Edward Elgar 2012.
- Neoclassical Labor Economics: Its Implications for Labor and Employment Law, RESEARCH HANDBOOK ON THE ECONOMICS OF LABOR AND EMPLOYMENT LAW, coedited with Cynthia L. Estlund, Edward Elgar 2012.
- Introduction: the Economics of Labor and Employment Law, co-author Cynthia L. Estlund, RESEARCH HANDBOOK ON THE ECONOMICS OF LABOR AND EMPLOYMENT LAW, coedited with Cynthia L. Estlund, Edward Elgar 2012.
- Reforming Securities Law Enforcement: Politics and Money at the Public/Private Divide, coauthor William W. Bratton, REGULATORY BREAKDOWN: THE CRISIS OF CONFIDENCE IN U.S. REGULATION, ed. Cary Coglianese, 2012.

The Political Economy of Fraud on the Market, co-author William B. Bratton 160
UNIVERSITY OF PENNSYLVANIA LAW REVIEW, 69 (2011). Selected as one of the "Top Ten Corporate and Securities Articles of 2012."

- <u>The Case Against Shareholder Empowerment</u>, co-author William B. Bratton, 158

 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 653 (2010). Selected as one of the "Top Ten Corporate and Securities Articles of 2010".
- <u>Tracking Berle's Footsteps: The Trail of *The Modern Corporation*'s Last Chapter, co-author William B. Bratton, 33 SEATTLE UNIVERSITY LAW REVIEW 849 (2010)</u>
- Rationalizing Appraisal Standards in Compulsory Buyouts, co-author Lawrence A. Hamermesh, forthcoming 50 BOSTON COLLEGE LAW REVIEW 1021 (2009).
- Shareholder Primacy's Corporatist Origins: Adolf Berle and *The Modern Corporation*, coauthor William W. Bratton 34 JOURNAL OF CORPORATE LAW, 99 (Fall 2008). Also published in 51 CORPORATE PRACTICE COMMENTATOR, 319 (2009). Selected as one of the "Top Ten Corporate and Securities Articles of 2009".
- The Short and Puzzling Life of the "Implicit Minority Discount", co-author Lawrence A. Hamermesh. 156 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 1 (November 2007). Also published in 50 CORPORATE PRACTICE COMMENTATOR, 257 (2008).
- The Rise and Decline of Unions, 30 REGULATION 23 (Summer 2007). Also published in Trade Unions: Global Concerns and Experiences, ed. Pramod Verma, The Icfai University Press (2008) and in the AUSTRALIAN FINANCIAL REVIEW (2007).
- <u>Labor Unions: A Corporatist Institution in a Competitive World</u>, 155 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 581 (January 2007).
- The Fair Value of Cornfields in Delaware Appraisal Law, co-author Lawrence Hamermesh, 31 JOURNAL OF CORPORATE LAW 119 (FALL 2005).
- Theories of the Employment Relationship: Choosing between Norms and Contracts,
 THEORETICAL PERSPECTIVES ON WORK AND THE EMPLOYMENT RELATIONSHIP, ed.
 Bruce E. Kaufman Industrial Relations Research Association, 2004, pp 163-194.
- <u>Corporate Policy and the Coherence of Delaware Takeover Law</u>, co-author Richard Kihlstrom, 152 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 523 (December 2003).

<u>Judging Unions' Future Using a Historical Perspective: The Public Policy Choice between</u>
<u>Competition and Unionization</u>, 24 JOURNAL OF LABOR RESEARCH 339 (Spring 2003).

- Takeover Defense when Financial Markets Are (Only) Relatively Efficient, 151 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 787 (January 2003). Excerpted in CORPORATIONS: LAW AND POLICY: MATERIALS AND PROBLEMS, 5th edition. eds. Jeffrey D. Bauman, Elliott J. Weiss, and Alan R. Palmiter, Thompson West, 2003, pp. 1177-1183.
- Meeting By Signals, Playing by Norms: Complementary Accounts of Nonlegal Cooperation in Institutions, co-author Edward B. Rock, 36 UNIVERSITY OF RICHMOND LAW REVIEW 423 (May 2002)
- <u>Dangerous Liaisons: Corporate Law, Trust Law, and Interdoctrinal Legal Transplants,</u> coauthor Edward B. Rock 96 NORTHWESTERN U. L. REV. 651 (Winter 2002).
- Islands of Conscious Power: Law, Norms, and the Self-Governing Corporation, co-author Edward B. Rock, 149 UNIVERSITY OF PENNSYLVANIA LAW REVIEW, 1619 (June 2001). Also published in 44 CORPORATE PRACTICE COMMENTATOR, 115 (2002).
- Norms & Corporate Law: Introduction, co-author Edward B. Rock, 149 UNIVERSITY OF PENNSYLVANIA LAW REVIEW, 1607 (June 2001)
- <u>Difficulties of Regulation when Wage Costs are the Major Cost,</u> co-authors Barry T. Hirsch and James W. Gillula, FUTURE DIRECTIONS IN POSTAL REFORM, Michael A. Crew and Paul R. Kleindorfer, editors (Kluwer Academic Publishers, 2001).
- <u>Corporate Law as a Facilitator of Self Governance</u>, co-author Edward B. Rock, 34 GEORGIA LAW REVIEW, 529 (Winter 2000).
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- <u>Postal Service Compensation and the Comparability Standard</u>, co-authors, Barry T. Hirsch and James W. Gillula, 18 RESEARCH IN LABOR ECONOMICS, 243 (1999).

<u>Tailored Claims and Governance: The Fit Between Employees and Shareholders</u>, co-author Edward B. Rock, EMPLOYEES & CORPORATE GOVERNANCE, Margaret Blair and Mark J. Roe, editors, (Brookings Institution, 1999).

- Collective Bargaining Over Asset Restructuring, co-author Edward B. Rock, University of Pennsylvania 1 JOURNAL OF LABOR AND EMPLOYMENT LAW (Spring 1998).
- Asset Restructuring and Union Bargaining, co-author Edward B. Rock, NEW PALGRAVE DICTIONARY OF LAW AND ECONOMICS (1998).
- Postal Service Wage Comparability: What Is the Appropriate Comparison Group? coauthors Barry T. Hirsch and James W. Gillula, 49 PROCEEDINGS OF THE INDUSTRIAL AND LABOR RELATIONS ASSOCIATION 56 (1997).
- The Enforceability of Norms and the Employment Relationship, co-author Edward B. Rock, 144 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 1913 (1996).
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 Office and the U.S. Postal Service, co-author Jeffrey Perloff, in Michael A. Crew and Paul R. Kleindorfer, editors, COMPETITION AND INNOVATION IN POSTAL SERVICE (Kluwer, 1991).
- Replacing Striking Workers: The Law and Economics Approach, co-author George M. Cohen Proceedings of New York University 43rd Annual National Conference on Labor (Little, Brown & Co. 1990).
- Evaluating the Evidence on Union Employment and Wages, co-authors Peter D. Linneman and William H. Carter, 44 INDUSTRIAL & LABOR RELATIONS REVIEW 34 (1990).

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- <u>The Economics of Federal Compensation</u>, co-author Peter D. Linneman, 29 INDUSTRIAL RELATIONS 58 (1990).
- Norm Shifts in Union Wages: Will 1989 be a Replay of 1969? co-author William H. Carter. Brookings Papers on Economic Activity (2:1989).
- An Internal Labor Market Approach to Labor Law: Does Labor Law Promote Efficient

 Contracting? co-author George M. Cohen. PROCEEDINGS OF THE INDUSTRIAL
 RELATIONS RESEARCH ASSOCIATION, (1988).
- The Law and Economics of Collective Bargaining: An Introduction and Application to the Problems of Subcontracting, Partial Closure, and Relocation, co-author George M. Cohen 136 UNIVERSITY OF PENNSYLVANIA LAW REVIEW, 1349 (1988).
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- <u>Rising Union Premiums and the Declining Boundaries Among Noncompeting Groups</u>, coauthor Peter D. Linneman, 76 AMERICAN ECONOMIC REVIEW 103 (1986).
- <u>Segmented Labor Markets</u>, co-author Paul Taubman in O. Ashenfelter and R. Layard, eds., HANDBOOK OF LABOR ECONOMICS, vol. 2. (North-Holland, 1986).
- Wage Comparability in the U.S. Postal Service, co-author Jeffrey M. Perloff, <u>38</u> INDUSTRIAL AND LABOR RELATIONS REVIEW 26 (1984).
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 Enrollment Rates, co-author William L. Wascher, 66 REVIEW OF ECONOMICS AND
 STATISTICS 208 (1984).
- <u>Labor Market Policies in Response to Structural Changes in Labor Demand</u>, co-author William L. Wascher in Industrial Change and Public Policy, Federal Reserve Bank of Kansas City, 1984.

The Setting for a Pro-Growth Strategy, co-author Susan M. Wachter, in M.L. Wachter and S.M. Wachter, eds., REMOVING OBSTACLES TO ECONOMIC GROWTH (University of Pennsylvania Press, 1984).

- The Training Component of Growth Policies, in M.L. Wachter and S.M. Wachter, eds., REMOVING OBSTACLES TO ECONOMIC GROWTH (University of Pennsylvania Press, 1984).
- Unemployment in the American Economy: Types, Causes, and Outlooks for the 1980s, in R.A. Ullrich, ed., THE AMERICAN WORKFORCE: LABOR AND EMPLOYMENT IN THE 1980s. (Auburn House, 1984).
- What Do Implicit Contracts Do? co-author Michael H. Riordan, PROCEEDINGS OF THE INDUSTRIAL RELATIONS RESEARCH ASSOCIATION (1982).
- <u>Time Series Changes in Youth Joblessness</u>, co-author Choongsoo Kim, in R.B. Freeman and D.A. Wise, editors., THE YOUTH LABOR MARKET PROBLEM: ITS NATURE, CAUSES, AND CONSEQUENCES (University of Chicago Press for the National Bureau of Economic Research, 1982).
- Economic Challenges Posed by Demographic Changes, in N.S. Perna, editor, WORK DECISIONS IN THE 1980s (Auburn House, 1982).
- <u>The Formulation of a New Industrial Policy</u>, co-author Susan M. Wachter, TOWARD A NEW U.S. INDUSTRIAL POLICY? (University of Pennsylvania Press, 1981).
- <u>Learning by Observing and the Distribution of Wages</u>, co-authors Stephen A. Ross and Paul Taubman, in S. Rosen, ed., STUDIES IN LABOR MARKETS (University of Chicago Press for the National Bureau of Economic Research, 1981).
- <u>Demographic Aspects of the Stagflation Problem</u>, co-author Jeffrey M. Perloff in STAGFLATION: THE CAUSES, EFFECTS, AND SOLUTIONS, vol. 4, Joint Economic Committee, Special Study on Economic Change, December 1981.
- <u>The Productivity Slowdown: A Labor Problem?</u> co-author Jeffrey M. Perloff, in THE DECLINE IN PRODUCTIVITY GROWTH, Federal Reserve Bank of Boston, 1980.
- The Dimensions and Complexities of the Youth Unemployment Problem, in B.E. Anderson and I.V. Sawhill, editors., YOUTH EMPLOYMENT AND PUBLIC POLICY (Prentice-Hall for the American Assembly, 1980).

The Labor Market and Illegal Immigration: The Outlook for the 1980s, 33 INDUSTRIAL AND LABOR RELATIONS REVIEW 342 (1980).

- Toward a More General Economic Model of Fertility Determination: Endogenous

 Preferences and Natural Fertility, co-authors Richard A. Easterlin and Robert A.

 Pollak in R. A. Easterlin, ed., POPULATION AND ECONOMIC CHANGE IN LESS

 DEVELOPED COUNTRIES (University of Chicago Press for the National Bureau of Economic Research, 1980).
- Alternative Approaches to Forecasting Potential Output, 1978-1980, co-author Jeffrey M. Perloff, PROCEEDINGS OF THE AMERICAN STATISTICAL ASSOCIATION (1979).
- A Production Function-Nonaccelerating Inflation Approach to Potential Output: Is Measured Potential Output Too High? co-author Jeffrey M. Perloff in K. Brunner and A. H. Meltzer, eds., 10 CARNEGIE-ROCHESTER CONFERENCE SERIES ON PUBLIC POLICY 195 (1979).
- The New Jobs Tax Credit: An Evaluation of the 1977-1978 Wage Subsidy Program, co-author Jeffrey M. Perloff, 69 AMERICAN ECONOMIC REVIEW 173 (1979).
- <u>Unemployment Policies</u>, in C.C. Walton, ed., INFLATION AND NATIONAL SURVIVAL, Proceedings of the Academy of Political Science, vol. 33 (1979).
- An Evaluation of Unemployment Data Needs in Macro Models, co-author Jeffrey M. Perloff CONCEPTS AND DATA NEEDS COUNTING THE LABOR FORCE, National Commission on Employment and Unemployment Statistics (1978).
- Obligational Markets and the Mechanics of Inflation, co-author Oliver E. Williamson, 9 Bell Journal of Economics 549 (1978).
- Institutional Factors in Domestic Inflation, co-author Susan M. Wachter, in AFTER THE PHILLIPS CURVE: THE PERSISTENCE OF HIGH INFLATION AND HIGH UNEMPLOYMENT, Federal Reserve Bank of Boston (1979).
- Work Sharing, Unemployment, and the Rate of Economic Growth, co-author Jeffrey M. Perloff, in WORK TIME AND EMPLOYMENT, National Commission for Manpower Policy (1978).
- The Fiscal Policy Dilemma: Cyclical Swings Dominated by Supply-Side Constraints, coauthor Susan M. Wachter, in T. Espenshade and W. Serow, editors, THE ECONOMIC CONSEQUENCES OF SLOWING POPULATION GROWTH (Academic Press, 1978).

The Changing Impact of Population Swings on the American Economy, co-authors Richard A. Easterlin and Susan M. Wachter, 122 PROCEEDINGS OF THE AMERICAN PHILOSOPHICAL SOCIETY 119 (1978).

- Evaluating the 1977 Stimulus Package: A Summary Statement, in Conference Report on Evaluating the 1977 Economic Stimulus Package, U.S. Department of Labor (1978).
- <u>Demographic Influences on Economic Stability: The United States Experience</u>, co-authors Richard A. Easterlin and Susan M. Wachter, 4 Population and Development Review 1 (1978). Reprinted with revisions in 1 AMERICAN DEMOGRAPHICS 12 (1979).
- <u>Intermediate Swings in Labor-Force Participation.</u>, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (1:1977).
- Money Wage Inflation: The Endogeneity-Exogeneity Issue, co-author Susan M. Wachter, in S. Weintraub, editor, MODERN ECONOMIC THOUGHT (University Pennsylvania Press, (1977).
- The Demographic Impact on Unemployment: Past Experience and the Outlook for the Future, in DEMOGRAPHIC TRENDS AND FULL EMPLOYMENT, National Commission for Manpower Policy (1976).
- Some Problems in Wage Stabilization, 66 AMERICAN ECONOMIC REVIEW 65 (1976).
- The Changing Cyclical Responsiveness of Wage Inflation, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (1:1976).
- A Time Series Fertility Equation: The Potential for a Baby Boom in the 1980s, 16 INTERNATIONAL ECONOMIC REVIEW 609 (1975).
- <u>Understanding the Employment Relation: The Analysis of Idiosyncratic Exchange</u>, coauthors Oliver E. Williamson and Jeffrey E. Harris 6 BELL JOURNAL OF ECONOMICS 250 (1975). Reprinted in THE ECONOMIC NATURE OF THE FIRM, eds. L.Putterman and R.S. Kroszner, 3rd edition (University of Cambridge Press, 2009).

The Relevance of the Household Production Function and Its Implications for the Allocation of Time, co-author Robert A. Pollak, 83 JOURNAL OF POLITICAL ECONOMY 225 (1975). "Reply," 85 JOURNAL OF POLITICAL ECONOMY 1083 (1977). Reprinted in TIME IN ECONOMIC THEORY (The International Library of Critical Writings in Economics, 175) eds. Stefano Zamagni and E. Agliardi (Edward Elgar, June 2004).

- <u>Pricing and Timing Decisions in Oligopoly Industries</u>, co-author Stephen A. Ross, 89 QUARTERLY JOURNAL OF ECONOMICS 115 (1975).
- Primary and Secondary Labor Markets: A Critique of the Dual Approach, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (3:1974).
- The Wage Process: An Analysis of the Early 1970s, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (2:1974).
- Phase II, Cost-Push Inflation, and Relative Wages, 64 AMERICAN ECONOMIC REVIEW 482 (1974).
- <u>Unemployment: Okun's Law, Labor Force, and Productivity,</u> co-author Benjamin M. Friedman, 56 REVIEW OF ECONOMICS AND STATISTICS 167 (1974).
- A New Approach to the Equilibrium Labor Force, 41 ECONOMICA 35 (1974).
- Wage Determination, Inflation, and the Industrial Structure, co-author Stephen A. Ross, 63
 AMERICAN ECONOMIC REVIEW 675 (1973). "Reply," 65 AMERICAN ECONOMIC
 REVIEW 507 (1975).
- A Labor Supply Model for Secondary Workers, 54 REVIEW OF ECONOMICS AND STATISTICS 141 (1972).
- Wage Determination in a Local Labor Market: A Case Study of the Boston Labor Market 7 JOURNAL OF HUMAN RESOURCES 87 (1972).
- A Test of the 'Expectations Hypothesis' Using Directly Observed Wage and Price

 Expectations, co-author Stephen J. Turnovsky, 54 REVIEW OF ECONOMICS AND STATISTICS, 47 (1972).
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Relative Wage Determination in U.S. Manufacturing Industries, 1947-1967, 52 REVIEW OF ECONOMICS AND STATISTICS 405 (1970).

Cyclical Variation in the Interindustry Wage Structure, 60 AMERICAN ECONOMIC REVIEW 75 (1970).

Edited Volumes:

RESEARCH HANDBOOK ON THE ECONOMICS OF LABOR AND EMPLOYMENT LAW, coedited with Cynthia L. Estlund, Edward Elgar 2012.

<u>REMOVING OBSTACLES TO ECONOMIC GROWTH</u>, co-editor Susan M. Wachter. (Philadelphia: University of Pennsylvania Press, 1984).

<u>TOWARD A NEW U.S. INDUSTRIAL POLICY?</u>, co-editor Susan M. Wachter. (Philadelphia: University of Pennsylvania Press, 1981).

REPORT OF THE MINIMUM WAGE COMMISSION, submitted to Congress, 1981.

<u>Perspectives in Economics</u>, co-editor Susan M. Wachter, (Reading, MA: Addison-Wesley, 1978-84). Series publications included:

Jere Behrman, <u>Development: The International Economic Order and Commodity</u> Agreements

George H. Hildebrand, <u>American Unionism: An Historical and Analytical Survey</u> Stephen P. Magee, International Trade

Joseph Newhouse, <u>The Economics of Medical Care: A Policy Perspective</u>

William Poole, Money and the Economy: A Monetarist View

T. Paul Schultz, <u>Economics of Population</u>

Roger Sherman, Antitrust Policies and Issues

Paul Taubman, Income Distribution and Redistribution

Comments:

- Comments on Indexation and Contract Length in Unionized U.S. Manufacturing, by Mark Bils, in Randall W. Eberts and Erica L. Groshen, eds., STRUCTURAL CHANGES IN U.S. LABOR MARKETS: CAUSES AND CONSEQUENCES (M.S. Sharpe, 1991).
- Comments on <u>Help-Wanted Advertising</u>, <u>Job Vacancies</u>, and <u>Unemployment</u>, Katherine G. Abraham. BROOKINGS PAPERS ON ECONOMIC ACTIVITY (1:1987).
- Comments on <u>Labor Arbitration and Collective Bargaining in the 1990s: An Economic Analysis</u>, by Thomas A. Kochan, in Arbitration 1986: Current and Expanding Roles, Proceedings of the Thirty-Ninth Annual Meetings of the National Academy of Arbitrators, ed. Walter J. Gershenfeld (Bureau of National Affairs, 1987).

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- Markov Processes and Public Service Employment: A Comment, in Farrell E. Bloch, ed., EVALUATING MANPOWER TRAINING PROGRAMS Research in Labor Economics Series (JAI Press, 1979).
- Comments on <u>Slowdown in Productivity Growth: Analysis of Some Contributing Factors</u>, by J. R. Norsworthy et al. BROOKINGS PAPERS ON ECONOMIC ACT<u>IVITY</u> (2:1979).
- Comments on <u>Union Wage Determination: Policy Implications and Outlook</u>, by Daniel J. B. Mitchell, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (3:1978).
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- Comments on "Potential Output and Productivity," by George L. Perry, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (1:1977).
- Comments on "The Impact of Minimum Wages on Other Wages, Employment, and Family Income," by Edward M. Gramlich, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (2:1976).
- Comments on "Inflation: Its Mechanics and Welfare Costs," by Arthur Okun, BROOKINGS PAPERS ON ECONOMIC ACTIVITY (2:1975).
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- "The Productivity Slowdown: Its Sources and Its Future," co-author Susan M. Wachter. THE WHARTON ANNUAL, 1984, pp. 69-74.
- "Imperfections in the Labour Market and Their Inflationary Effects," in W.J. Megaw, ed., PROSPECTS FOR MAN: ECONOMICS, INFLATION, AND EMPLOYMENT, (York University, 1983).
- "Wage Disinflation: How Far and How Fast?" Prepared for the Academic Consultants Meeting, Board of Governors, Federal Reserve System, April 1982.
- "An Assessment of Potential Human Resources Policies in the Early 1980s," in ALTERNATIVES FOR ECONOMIC POLICY (Conference Board 1981).
- "Additional, Individual, Minority, and Supplemental Views of Commission Members," REPORT OF THE MINIMUM WAGE STUDY COMMISSION, vol. 1, Submitted to Congress, May 1981.
- "An Evaluation of the New Jobs Tax Credit," co-author Jeffrey M. Perloff, Prepared for ASPER, U.S. Department of Labor, CSOI Working Paper No. 70, 1980.
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