

CURRICULUM VITAE

**Edward E. Leamer**

**Position:** Chauncey J. Medberry Chair in Management  
Professor of Statistics  
Professor of Economics  
Director, Business Forecast Project

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**Birth:** May 24, 1944

**Education:** B.A., Princeton, 1966, mathematics  
M.A., University of Michigan, mathematics(statistics)  
Ph.D., University of Michigan, 1970, economics

**Honors:** Society of Sigma Xi  
Fellow, Econometric Society  
Fellow, American Academy of Arts and Sciences  
**New Horizons in Economic Thought, Appraisals of Leading Economists**, ed. by Warren J. Samuels, chapter by Herman Leonard and Keith Maskus, 1992.  
Graham Lecture, Princeton University, March 1994.  
Christie Lecture, Millersville University, October 1998.  
**Who's Who in Economics**, edited by Mark Blaug, Edward Elgar  
Citibank Teaching Award, 2001  
EMBA Teaching Award: 2001, 2002

**Academic Appointments:**

Assistant Professor:  
Wayne State University, January-June, 1970  
Harvard University, July, 1970-June, 1973  
Associate Professor:  
Harvard University, July, 1973-June, 1975  
Professor of Economics:  
University of California at Los Angeles, July 1975-  
Chauncey J. Medberry Chair in Management:  
Anderson Graduate School of Management, July 1990-  
Professor of Statistics (new department)  
University of California at Los Angeles, July 1997-

**Administrative Positions:**

Chairman, Department of Economics:  
University of California, Los Angeles, 1983-87.

Area Head, Business Economics:  
Anderson Graduate School of Management, 1990-92, 1993-  
Director, UCLA/Anderson Business Forecast, July 2000 -

### Visiting Positions:

Visiting Professor:  
University of Southern California, 1979-80  
University of Basel, June 1990.  
Central European University, April 1993.  
Graduate School of Business, University of Chicago, Fall 1994  
Yale University, 1995  
Universidad de San Andreas, Argentina, 1997  
University of Oregon, 2001

Gastprofessor:  
Institute for Advanced Studies, Vienna, October 1987, June 1991, July 1992, April 1993, June 1995

Visiting Scholar:  
Federal Reserve Board, March 1988, September 1989, September 1991, September 1993, May 1996  
International Monetary Fund, 1992, 1993.  
Lecturer, National Science Council, Republic of China, Dec. 1991.

Visiting Fellowship:  
Department of Statistics (Econometrics), The Australian National University, August-September, 1988

Research Fellow:  
National Bureau of Economic Research, 1989-.

Lecturer:  
Dutch Network for Quantitative Economics, May 1990.

### Fellowships, Grants:

NSF graduate traineeship, 1966-67  
NDEA Fellowship, 1967-70  
National Science Foundation Grant GS31929, Bayesian Inference with Economic Data, U.S. State Department, 1970-71, "Tariffs and the Commodity Composition of Trade," with R.M. Stern, University of Michigan  
Federal Reserve, Board of Governors, 1971-72, "Controlling Monetary Aggregates"  
Department of Labor, 1974-75, "Tariffs and the Allocation of Labor"  
National Science Foundation Grant, SOC 76-08863, 1976-78  
Ford Foundation Grant, "The Commodity Composition of Trade," 1977-79  
National Science Foundation, SOC 78-09477, 1978- 80, "Bayesian Statistical Search and Estimation Procedures"  
Department of Labor, "Trade and Employment," 1978-79  
National Science Foundation, renewal, 1980-82, 1982-84, 1984-86, 1986-7  
World Bank, "Effects of Non-tariff Barriers", 1986-87.  
National Science Foundation, "Determinants of the Real Exchange Rate", with Sebastian Edwards, 1986-7  
Sloan Foundation, "Empirical Studies of the Effect of U.S. International Economic Policy on the Distribution of Income", 1987-93  
National Science Foundation, "Bayesian Elicitation Diagnostics," 1989-91.  
Labor Department, "Estimates of the Effects of Non-tariff Barriers", 1989-90.  
National Science Foundation, "Economic Integration of High-wage and Low-wage Economies," 1992-4, 1994-96.  
Chiang Ching-Kuo Foundation for International Scholarly Exchange, "Economic Integration of Taiwan with Mainland China," with Ivan Pn'g, 1993-4.  
Price Waterhouse, "Does U.S. Foreign Direct Investment Reduce Domestic Investment?", 1993-4.  
Sage Foundation, "Trade and US Wages," 1997-2000.

**Professional Activities:**

## Associate Editor.

Review of Economics and Statistics, 1970-1996  
Quarterly Journal of Economics, 1970-75  
Journal of the American Statistical Association, 1975-1979  
Econometrica, 1975-1979  
Journal of International Economics, 1988-1994  
Econometric Theory, 1985-1988.  
Journal of Applied Econometrics, 1985-92

## Editorial Board

The Journal of International Trade and Economic Development, 1995-  
Asia Pacific Management Review, 2000-

## Co-editor

Journal of International Economics, 1989-93

## Advisory Committee

Handbook of Applied Econometrics

Advisory Board for International Trade Abstracts, 1996-

## Referee

Various Journals

## Outsider Reviewer

Department of Economics, University of Oregon, May 1995

National Science Foundation Panel for Evaluation of Proposals, 1976-78

Chair, L.J. Savage Memorial Prize Committee, 1979-1981

National Research Council, Committee on Basic Research in the Behavioral and Social Sciences,  
Working Group on Measurement and Scaling.

Frontiers of Economics, Speaker, World Bank, 1985.

National Science Foundation Panel on Empirical Studies in Economics, December 1987.

Sloan Foundation Fellowship Committee, 1988-93.

Australian Economics Congress, Invited Speaker, August 1988.

Commission on Graduate Education in Economics, American Economic Association.

Panel on Foreign Trade Statistics, National Research Council, National Academy of Sciences.

9th World Congress of the International Economics Association, Invited Speaker.

National Academy of Sciences, Speaker: "Public Policy to Maintain America's Technological  
Leadership," annual meeting, April 1994.

Nominating Committee, American Economic Association, 1992-3.

Contingent Valuation Panel, National Oceanographic and Atmospheric Administration, 1992.

Council of Economic Advisors, State of California, 1995-98

Faculty Executive Board, Clausen Center, Haas School of Business, 1996-

## NBER

ITI summer conference organizer, 1999-2000

Bureau of Economic Analysis, Advisory Committee, 2002 -

## Public Outreach

Speaker, "Beyond the Borders", Conference of the Dallas Federal Reserve Board, October 1991.

Quoted regarding NAFTA in the New York Times, the New Republic, Newsweek, Business

Week, the Wall Street Journal, the Washington Post, and diverse other publications.

"With or Without NAFTA," business conference organized by Delloitte and Touche, June 1993

WOR, talk show "NAFTA expert", New York City, September 1993

NAFTA Briefing, Mayor Riordan, September 1993

NAFTA Briefing, John Garamendi, Insurance Commissioner, October 1993

"What's the fuss over NAFTA," Western States Treasurer's Association, organized by Kathleen Brown, October 1993

Debate organized by United We Stand, November 1993

UCLA Law School Panel with Mickey Cantor, November 1993

National Public Radio, November 1993

"Tension Areas: The World Today", UCLA Extension, May 1994

Testimony at US Trade Deficit Commission of Congress, January 2000

MacCarthur Working Group on Networks and Inequality, April 2000

Forecast Speaker

Hughes Federal Credit Union, Sedona, July 2000

Haas Leadership Roundtable, October 2000, October 2001

Economic Outlook Conference, San Diego, November 2000

Union Bank, November 2000, March 2001

BRE, April 2001

McKinsey, Rio de Janeiro, May 2001

Citinational Forum, May 2001

San Diego Business Journal, May 2001

Wescom, July 2001

Price Waterhouse, September 2001

UCLA Campaign, October 2001

UCLA Scope Visit, October 2001

Anderson Alumni, October 2001

Kinecta Federal Credit Union, October 2001

University of Michigan, November 2001

Hoover Institution, October 2001

Northern Trust Bank, November 2001

Quantitative Finance Lunch, November 2001

The Executives, January 2002

Anderson Alumni, San Diego, February 2002

The Executives (Jewish Hospital Support Group), Jan-02

Kane Anderson / Merrill Lynch, Jan-02

Japan Busiess Association, Jan-02

KNBC TV, Jan-02

Citinational Bank, Jan-02

KNX Radio ,KFC Radio, Jan-02

Commercial Finance Association, Feb-02

Alumni - San Diego, Feb-02

Union Bank - San Diego, Feb-02

National Association of Business Economists, Feb-02

Union Bank - San Francisco, Feb-02

Computer & Communications Industry Association, Feb-02

Chicago Title - San Diego, Feb-02

PWC Business Recoveries Symposium, Mar-02

Rustic Canyon Venture Capital - Ojai, Mar-02

BFP, Mar-02

Bloomberg News, Apr-02

LA Chamber, Apr-02

KPFC Radio, Apr-02

CMIE Conference, Apr-02

Kayne Anderson, May-02  
 SCLN conference, May-02  
 Commission on taxing the Internet, May-02  
 European Chambers, May-02  
 BFP, Jun-02  
 Kinecta Credit Union, Jul-02  
 Kinecta Credit Union, Sep-02  
 BFP, Sep-02  
 Ric and Suzanne Kayne Art of the Palatte, Sep-02  
 Association for Strategic Planning, Oct-02  
 City National Bank, Oct-02  
 San Diego Business Roundtable (UCSD), Oct-02  
 Anderson Staples Event, Oct-02  
 Pacific Club, Oct-02  
 Topa Management (John Anderson), Oct-02  
 Union Bank, Oct-02  
 Alumni Weekend, Nov-02  
 Department of Finance, Nov-02  
 BFP, Dec-02  
 The Executives (Jewish Hospital Support Group), Jan-03  
 San Diego LEAD conference, Jan-03  
 City National Bank, Jan-03  
 UCLA Alquist Retreat, Jan-03  
 Finnish Trade Minister briefing, Jan-03  
 Chicago Title - San Diego, Feb-03  
 BFP, Mar-03  
 Price Waterhouse Coopers, Mar-03  
 Price Waterhouse Coopers, Apr-03  
 CMTA, Apr-03  
 Kayne Anderson, May-03  
 BFP, Jun-03

#### **Faculty Seminars and Invited Lectures, 1993-:**

University of British Columbia, January 1993.  
 Quantitative Finance Group, Los Angeles, March 1993.  
 Central European University, April 1993.  
 Bayesian Riverboat Conference, Basel-Amsterdam, May 1993.  
 TransPacific Conference, UCLA, May 1993  
 Conference on The New International Economics, organized by CEPR, Milan, May, 1993.  
 With and Without NAFTA, Conference organized by Delloitte and Touche, Los Angeles, June 1993  
 Central European University, August 1993.  
 Price Waterhouse conference on Foreign Direct Investment, Sept. 1993  
 Federal Reserve Board of Governors, September 1993  
 Harvard University, School of Public Health, October 1993.  
 STIPES lecturer, Vrije Univeriteit Amsterdam  
 University of Chicago, November 1993  
 Sweden and the Welfare State, Conference, Stockholm, December 1993.  
 International Tax Policy Forum, Washington, D.C., March 1994.  
 Princeton University, Graham Lecture, March 1994.  
 Princeton University, Handbook Conference, March 1994.  
 Brookings Conference on Trade and Wages, Washington, D.C., June 1994.  
 Yale University, Cowles Lecture, Fall 1994  
 Harvard University, Political Economy Lecture, Fall 1994.  
 Sweden and the Welfare State, Conference, Stockholm, January 1995  
 Brookings Conference on Trade and Wages, Washington, D.C., February, 1995  
 University of Reading, United Kingdom, March 1995  
 Milken Conference, October 1996.  
 Quantitative Investors, January 1997.  
 Vanderbilt University, March 1997.  
 Inter-American Development Bank, March 1997.

UCLA Business Forecast Conference, "Predicting Uncertainty," April 1997  
Taipei, "Lessons for Taiwan from NAFTA," May 1997  
Buenos Aires, "EEC, NAFTA and Mercosur: Three different collections," May 1997  
Latin American Econometric Society, Chile, August 1997  
New Zealand Economics Society, Keynote Speaker, "The Dirty Business of Data Mining", August 1997  
University of California, San Diego, October 1997  
International Monetary Fund, November 1997  
AEA annual meetings, Jan 1998, "The Rhetoric of Economics" and "Effort and the International Division of Labor"  
Inter-American Development Bank, March 1998  
Washington Policy Forum, March 1998  
NBER/Sage, Cambridge, April 1998  
Statistics Canada, May 1998  
Stanford University, January 1999  
Sage Foundation, April 1999.  
International Monetary Fund, October 1999  
Keynote Speaker for the 17th Annual Political Methodology Conference, UCLA, July 2000  
Rome, October 2000.  
Federal Reserve Bank of New York, December 2001  
International Monetary Fund, June 2001  
Occidental College, October 2001  
Federal Reserve Bank of St. Louis, November 2001  
University of Toronto, April 2003  
Berkeley, April 2003

**Teaching Experience:**

Econometrics - Statistics  
Bayesian Inference - Statistics  
International Trade  
Economic Theory  
Principles of Economics  
Forecasting

**Dissertation:** Inference with Non-Experimental Data: A Bayesian View

**Publications:****Books:**

**Quantitative International Economics**, with R.M. Stern, Boston: Allyn and Bacon, 1970.

**Specification Searches: Ad Hoc Inference with Non Experimental Data**, John Wiley and Sons, Inc., 1978. Translated into Spanish and Russian.

**Sources of International Comparative Advantage: Theory and Evidence**, Boston: MIT Press, 1984.

**Behind the Numbers: U.S. Trade in the World Economy**, with Robert Baldwin and the Panel on Foreign Trade Statistics, National Research Council, Washington, D.C.: National Academy Press, 1992.

**Sturdy Econometrics: Selected Essays of Edward E. Leamer**, Economists of the 20th Century, Hants:Edward Elgar, 1994.

**Quiet Pioneering: Robert M. Stern and His International Legacy**, edited by Keith E. Maskus, Peter M. Hooper, Edward E. Leamer and J. David Richardson, Ann Arbor: The University of Michigan Press, 1997.

**International Economics**, Worth Series in Outstanding Contributions, edited by Edward E. Leamer, New York: Worth Publishers, 2001.

**Tariff and Nontariff Barriers to International Trade**, in process.

**The Analysis of Data**, in process.

**NAFTA and Central America**, World Bank Monograph, in process.

#### Op-Ed Pieces:

"Privatize Social Security? Here's Why," **LA Times**, October 2000

"Cyclically, We're Back to the Past," **LA Times**, December 4, 2000

#### Articles:

"Location Equilibria," **Journal of Regional Science**, Vol. 8 (No. 2, 1968), 229-242, reprinted in A.J. Scott, ed., *Location Allocation Systems: A reader* (San Francisco: Holden-Day, Inc.), forthcoming.

"Problems in the Theory and Empirical Estimation of International Capital Movements," with R.M. Stern, in F. Machlup, S. Salant and L. Tarshis, eds., **International Mobility and Movement of Capital** (National Bureau of Economic Research, New York), 1972.

"A Class of Informative Priors and Distributed Lag Analysis," **Econometrica**, 40 (November 1972), 1059-81.

"Criteria for Evaluation of Econometric Models," with Phoebus Dhrymes and others, **Annals of Economic and Social Measurement** (July 1972), 259-290.

"False Models and Post-Data Model Construction," **Journal of the American Statistical Association**, 69 (March 1974), 122-131; abstracted in **Zentralblatt fur Mathematik**, reprinted in Omar F. Hamouda and J.C.R. Rowley, **Foundations of Probability, Econometrics and Economic Games**, Edward Elgar Publishing Limited, 1995.

"Empirically-weighted Price and Income Indexes for Import Demand Functions," **Review of Economics and Statistics**, LV (November 1973), 441-450.

"Multicollinearity: A Bayesian Interpretation," **Review of Economics and Statistics**, LV (August 1973), 371-380.

"Nominal Tariff Averages with Estimated Weights," **Southern Economic Journal** (July 1974), 34-46.

"The Commodity Composition of International Trade: An Empirical Analysis," **Oxford Economic Papers**, 26 (November 1974), 350-374.

"A Bayesian Interpretation of Pretesting," with G. Chamberlain, **Journal of the Royal Statistical Society**, Series B, 38 (No. 1, 1976), 85-94.

"Explaining Your results' as Access-Biased Memory," **Journal of the American Statistical Association** (March 1975), 88-83.

"Tariffs in a Trade-Dependence Model," in H. Glejser, ed., **Quantitative Studies of International Economic Relations** (North-Holland Publishing Co., Amsterdam), 1976.

"A Result on the Sign of Restricted Least Squares Estimates," **Journal of Econometrics**, 3 (1975), 387-390.

"Matrix Weighted Averages and Posterior Bounds," with G. Chamberlain, **Journal of the Royal Statistical Society, Series B**, 38 (No. 1 1976), 73-84.

"An Empirical Analysis of the Composition of Manufacturing Employment in the Industrialized Countries," with R.M. Stern and C.F. Baum, **European Economic Review**, 9 (1977), 1-19.

"Regression Selection Strategies and Revealed Priors," **Journal of the American Statistical Association** (September 1978), 580-587.

"Least Squares Versus Instrumental Variables Estimation in a Simple Errors in Variables Model," **Econometrica** (July 1978), 961-968.

"The Information Criterion for the Choice of Regression Models, A Comment," **Econometrica** (March 1979), 507-510.

"Difficulties with Testing for Causation," with R. Jacobs and M. Ward, **Economic Inquiry** (July 1979), 401-13.

"The Leontief Paradox, Reconsidered," **Journal of Political Economy** (June 1980), 495-503; reprinted in J. Bhagwati, ed., **International Trade: Selected Readings**, Cambridge: MIT Press, 1986; reprinted in J. Peter Neary, ed., **International Trade: The International Library of Critical Writings in Economics**, Edward Elgar, forthcoming, 1994; reprinted in Heinz D. Kruz and Christian Lager, **Input-Output Analysis**, Edward Elgar Publishing Limited, 1997; reprinted in Edward E. Leamer, **International Economics**, Worth Publishers, 2001.

"Sets of Estimates of Location," **Econometrica**, Vol. 49, No. 1 (January 1981), 193-204.

"Welfare Computations and the Optimal Staging of Tariff Reductions in Models with Adjustment Costs," **Journal of International Economics**, 10 (1980), 21-36.

"Cross-Section Tests of the Heckscher-Ohlin Theorem: A Methodological Comment," with Harry P. Bowen, **American Economic Review**, 71 (December 1981), 1040-1043; reprinted in Bertil Ohlin, **Critical Assessments of Leading Economists**, Routledge, 1996

"Is It a Supply Curve, or Is It a Demand Curve: Partial Identification through Inequality Constraints," **Review of Economics and Statistics**, Vol. LXIII, No. 3 (August 1981), 319-327.

"Parameterization-free Ridge Regression Bounds," **Journal of the American Statistical Association**, 76 (December 1981), 842-849.

"The Hit Parade of Economics Articles," in E. Tower, editor, **Economics Reading Lists, Course Outlines, Exams, Puzzles and Problems**, Volume 14, July 1981.

"Sets of Posterior Means with Bounded Variance Priors," **Econometrica**, 50 (May 1982), 725-736.

"Comment on 'Specification Analysis with Discriminating Priors'," by Thomas F. Cooley, **Econometric Reviews**, First Issue, 1982.

"Techniques for Estimation with Incomplete Assumptions," **Proceedings of IEEE Meeting on Decision and Control**, San Diego, December 1981.

"Robust Sets of Estimates for Regression," with C.Z. Gilstein, **Econometrica**, LXV (May 1983), 306-317.

"Let's Take the Con Out of Econometrics," **American Economics Review**, 73 (March 1983), 31-43; reprinted in Bruce J. Caldwell, **Criticism and Appraisal in Economics: A Book of Readings** (Allen and Unwin, 1985); reprinted in Thomas J. Coyne, **Readings in Managerial Economics**, 1985; excerpted in Caroline P. Clotfelter, **Economic Satire: Wit and Humor in the Dismal Science**, Armonk, New York: M.E. Sharpe; summarized in **Journal of Forecasting**, reprinted in C.W.J. Granger, ed., **Modelling Economic Series**, Oxford: Oxford University Press, 1990; reprinted in Dale J. Poirier, **The Methodology of Econometrics II**, Hants: U.K.: Edward Elgar,



1994; reprinted in Omar F. Hamouda and J.C.R. Rowley, **Foundations of Probability, Econometrics and Economic Games**, 1996; reprinted in Guy Peters, **The International Library of Comparative Public Policy - Series B.**, 1996

"Reporting the Fragility of Regression Estimates," with H. Leonard, **Review of Economics and Statistics**, LXV (May 1983), 306-3417.

"Model Choice and Specification Analysis," in Z. Griliches and M. Intriligator, eds., **Handbook of Econometrics, Volume 1**, Amsterdam: North Holland, 1983.

"Sets of Weighted Regressions" (with C.Z. Gilstein), **Journal of the American Statistical Association**, 78 (December 1983), 942-948.

"Consistent Sets of Estimates for Regression with All Variables Measured with Error" (with S. Klepper), **Econometrica**, 52 (January 1984), 163-183.

"Vector Autoregressions for Causal Inference?", in Karl Brunner and Allan H. Meltzer, eds., **Carnegie-Rochester Conference Series On Public Policy: Understanding Monetary Regimes**, Volume 22, 1985, 255-304; reprinted in Kevin D. Hoover, ed., **The New Classical Macroeconomics**, The University of California Press at Davis, 1992; reprinted in Dale J. Poirier, **The Methodology of Econometrics II**, Hants, England: Edward Elgar, 1994.

"Global Sensitivity Analysis for Generalized Least-Squares Estimates, **Journal of the American Statistical Association**, 79 (December 1984), 867-870.

"Bayesian Regression and Sensitivity Analysis," **Multiple Regression Analysis: Applications in the Health Sciences**, ed. by Donald E. Herbert and Raymond H. Myers, New York: American Institute of Physics, 1986.

"Bid-Ask Spreads for Subjective Probabilities," in P. Goel and A. Zellner, eds., **Bayesian Inference and Decision Techniques**, New York: Elsevier, 1985.

"Estimation of Time-of-Use Pricing Response In the Absence of Experimental Data: An Application of the Methodology of Data Transfer," with D. Aigner, **Journal of Econometrics**, (Sept/Oct. 1984), 26(1/2), 205-27.

"Sensitivity Analyses Would Help," **American Economic Review**, Vol. 75, No. 3, June 1985, reprinted in C.W.J. Granger, ed., **Modelling Economic Series**, Oxford: Oxford University Press, 1990.

"A Bayesian Analysis of the Inflation/Unemployment Tradeoff," in David A. Belsley and Edwin Kuh, eds., **Model Reliability**, Cambridge: MIT Press, 1986, 62-89, reprinted in C.W.J. Granger, ed., **Modelling Economic Series**, Oxford: Oxford University Press, 1990.

"Nonexperimental Inference," in S. Kotz and N.L. Johnson, eds., **Encyclopedia of Statistical Sciences**, vol. 6, New York: John Wiley and Sons, 1985.

"Leontief Paradox," in **The New Palgrave: A Dictionary of Economics**, edited by John Eatwell, Murray Migate and Peter Newman, London: The Macmillan Press, 1987.

"Specification Problems in Econometrics," in **The New Palgrave: A Dictionary of Economics**, edited by John Eatwell, Murray Migate and Peter Newman, London: The Macmillan Press, 1987.

"Self Interpretation," **Economics and Philosophy**, (1, 1985), 295-302; abstracted in The Philosopher's Index.

"Econometric Metaphors," in T. Bewley, ed., **Advances in Econometrics, Fifth World Congress**, Cambridge: Cambridge U. Press, 1987.

- "Cross Section Estimation of the Effects of Trade Barriers," in R. Feenstra, ed., **Empirical Methods for International Trade**, Cambridge: MIT Press, 1987, 52-82.
- "Multi-country Multi-factor Tests of the Factor Abundance Theory," with H.P. Bowen and L. Sveikauskus, **American Economic Review**, 77, no. 5, December 1987, 791 - 809; reprinted in Peter Neary, ed., **International Trade: The International Library of Critical Writings in Economics**, London: Edward Elgar Publishing, Ltd.; reprinted in Edward E. Leamer, **International Economics**, Worth Publishers, 2001.
- "Empirical Tests of Alternative Models of International Growth," with L. Kotlikoff, in Colin I. Bradford and William H. Branson, eds., **Trade and Structural Change in Pacific Asia**, Chicago: University of Chicago Press, 1987, 227 - 269.
- "Paths of Development in the Three-Good n-Factor General Equilibrium Model," **Journal of Political Economy**, Vol. 95, No. 5, October, 1987, 961-999.
- "Errors-in-Variables in Linear Systems," **Econometrica**, Vol. 55, No. 4, July, 1987, 893 -909.
- "The Sensitivity of International Comparisons of Capital Stock Measures to Different Real Exchange Rates", **American Economic Review, Papers and Proceedings**, May 1988, 78, No. 2, 479 - 483.
- "Measures of Openness" in R. Baldwin, ed., **Trade Policy Issues and Empirical Analysis**, University of Chicago Press, 1989, 147-200.
- "Causality", discussion papers by Paul W. Holland, in Clifford C.Clogg, ed., **Sociological Methodology**, 1988, 485- 493.
- "Things That Bother Me," **Proceedings from the 1988 Australian Economics Congress**, Michael McAleer and Ric Simes, eds., **Economic Record**, 64, (December 1989), 331-335.
- "Optimal Aggregation of Linear Net Export Systems," in Terry Barker and M. Hashem Pesaran, eds., **Disaggregation in Econometric Modelling**, London: Routledge, 1990, 150-170.
- "Planning, Criticism and Revision," in Michael McAleer, ed., **Topics in Applied Econometrics, Journal of Applied Econometrics**, Vol. 4S, (December 1989), S5-S28.
- "The Structure and Effects of Tariff and Nontariff Barriers in 1983," in Anne P. Krueger and Ronald Jones, eds. **Festschrift for Robert Baldwin**, Basil Blackwell, 1990, 224-260.
- "Latin America as a Target of Trade Barriers Erected by the Major Developed Countries in 1983," **Journal of Development Economics**, 32 (1990), 337-368.
- "The Interplay of Theory and Data in the Study of International Trade," in M. Nerlove, ed., **Issues in Contemporary Economics, Proceedings of the Ninth World Congress of the International Economics Association, Volume 2, Macroeconomics and Econometrics**, Macmillan, 1991.
- "A Conversation on Econometric Methodology," with Dale Poirier and David Hendry, **Journal of Econometric Theory**, 6, No. 2, June 1990, pp. 171-261; reprinted in Dale J. Poirier, ed., **The Methodology of Econometrics**, forthcoming, 1994.
- "Comment" on Keith Maskus, "Comparing International Trade Data and Product and National Characteristics Data for the Analysis of Trade Models," in Peter Hooper and J. David Richardson, eds., **International Economic Transactions: Issues in Measurement and Empirical Research**, Chicago: University of Chicago Press, 1991, pp.56-60.
- "La America Latina como un objetivo de las barreras comerciales erigidas por los principales paises desarrollados en 1983," **El Trimestre Economico**, Vol LVII (Diciembre 1990), 103-140.
- "A Bayesian Perspective on Inference from Macro-Economic Data," **Scandinavian Journal of Economics: New Approaches to Empirical Research in Macroeconomics**, Vol. 93, No. 2, 1991,

pp. 225-248; reprinted in Omar F. Hamouda and J.C.R. Rowley, **Foundations of Probability, Econometrics and Economic Games**, 1996.

Comment on "Has Formalisation in Economics Gone Too Far?", **Methodus**, Vol. 3, No.1, (June 1991), 25-26; reprinted in Craig Freedman, ed., forthcoming.

"Report of the Commission on Graduate Education in Economics" with Anne Krueger et. al., **Journal of Economic Literature**, XXIX, (September 1991), 1035-1053.

"Comment on 'To Criticize the Critics'", **Journal of Applied Econometrics**, 1991, Vol. 6, 371-373.

"Can More Information Make You Worse Off?", **Econometric Theory**, Vol 8, No. 1, March 1992, Solution, Vol.9, No.1, March 1993.

"Bayesian Elicitation Diagnostics", **Econometrica**, Vol. 60, No. 4 (July, 1992). 919-942.

"Measurement Errors and the Convergence Hypothesis," in Helmut Frisch and Andreas Wörgötter, eds., **Open-Economy Macroeconomics**, London: MacMillan Press, Ltd., 1993, pp. 241-256.

"U.S. Wages and the Mexican-U.S. Free Trade Agreement", in Peter Garber, ed., **The Mexico-U.S. Free Trade Agreement**, Cambridge: M.I.T. Press, 1994, pp. 57-128.

"Testing Trade Theory," **Surveys in International Trade**, ed. by David Greenaway and L. Alan Winters, Basil Blackwell, 1994, pp. 66-106.

"Taste in Economics and Econometrics," in **Educating Economists**, ed. by David Collander and Reuven Brenner, Ann Arbor: U. of Michigan Press, 1992, pp.91-94.

"Report of the NOAA Panel on Contingent Valuation," with Kenneth Arrow, Paul Portney, Roy Radner, Howard Schumann and Robert Solow, **Federal Register**, Friday, January 15, 1993, 4602-4614.

"U.S. Manufacturing and an Emerging Mexico," **The North American Journal of Economics and Finance**, Vol. 4, No. 1, Spring 1993, 51-89.

"The Neglect of Measurement Errors in the Social Sciences," Marschak Colloquium, abstract in **Mathematical Social Sciences** 25 (1993), p.308.

"Factor Proportions as a Source of International Comparative Advantage," **Papers and Proceedings, American Economic Review**, May 1993.

"Commentary on 'The Market for (Ir)reproducible Econometrics'" by Susan Feigenbaum and David M. Levy, **Social Epistemology**, (July-September, 1993), Vol. 7, No.3, p.268.

"Two-ness and the Stolper-Samuelson Theorem", in Alan V. Deardorff and Robert M. Stern, eds., **The Stolper-Samuleson Theorem: A Golden Jubilee**, Ann Arbor: The University of Michigan Press, 1994, pp. 290-307.

"Commemorating the 50th Anniversary of the Stolper-Samuelson Theorem," in Alan V. Deardorff and Robert M. Stern, eds., **The Stolper-Samuleson Theorem: A Golden Jubilee**, Ann Arbor: The University of Michigan Press, 1994, pp. 289-290.

"Heteroscedasticity Sensitivity Diagnostics" in **Sturdy Econometrics**, Hants, England: Edward Elgar, 1994.

"Pooling Noisy Data Sets," in Thomas Url and Andreas Wörgötter, eds., **The Econometrics of Short and Unreliable Time Series**, Physica-Verlag, Heidelberg, 1995, 41-60.

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