

Curriculum Vitae

Lawrence J. Lau

I. Personal Information

Address: Department of Economics, Stanford University, Stanford, CA 94305-6072, U.S.A.

Telephone: Office: 1-650-723-3708
Residence: 1-650-322-7500
Mobile: 1-650-823-5069
Fax: 1-650-723-7145; 1-650-322-7400; 1-650-724-8789

Email: ljlau@stanford.edu

Web Page: <http://www.stanford.edu/~ljlau/>

Date and Place of Birth: December 12, 1944, Zun Yi, Guizhou, China

Citizenship: U.S.A.

II. Education and Employment

Education: B.S. with Great Distinction (Physics and Economics), 1964, Stanford University
M.A. (Economics), 1966, University of California, Berkeley
Ph.D. (Economics), 1969, University of California, Berkeley
Ph. D. dissertation: "Duality and Utility Structure"

Specialized Fields: Economic Theory, Economic Development, Economic Growth, Applied Microeconomics, Econometrics, Agricultural Economics, Industrial Economics and the Economies of East Asia, including China

Affiliations: Phi Beta Kappa, Tau Beta Pi, American Economic Association, Econometric Society

Employment: 1992- Kwoh-Ting Li Professor of Economic Development, Stanford University
1997-2004 Senior Fellow (by courtesy), The Hoover Institution on War, Revolution and Peace, Stanford University
1997-2002 Senior Fellow, Stanford Institute for Economic Policy Research, Stanford University
1992-2004 Senior Fellow (by courtesy), Institute for International Studies, Stanford University
1997-99 Director, Stanford Institute for Economic Policy Research, Stanford University
1992-96 Co-Director, Asia/Pacific Research Center, Stanford University
1990-92 Vice Chairman, Department of Economics, Stanford University
1978-79 Visiting Professor of Economics, Harvard University
1976- Professor of Economics, Stanford University
1973-76 Associate Professor of Economics, Stanford University
1968-69 Visiting Assistant Research Economist, University of California, Berkeley
1967-73 Assistant Professor of Economics, Stanford University

1966-67

Acting Assistant Professor of Economics, Stanford University

Models,” 1978.

Department of Energy Contract for Research on “Consistent Methods for Integration, Linkage and Expansion of Existing Energy -Economic Models within a Hierarchical Framework,” 1978-79.

U.S. Department of Commerce Contract for Research on "A Study of the Evolution of the Prices of Semi-Conductor Manufacturing Equipment Since 1970," 1994.

Smith Richardson Foundation, Inc. Grant for Research on "Making the Market Work in China," 1995-1996.

Korean Energy Economics Institute Grant for Research on "Energy and the Economy: Studies of Long-Term Demand and Supply Scenarios for the Republic of Korea," 1995-1996.

Miscellaneous: Stanford Associates Award for Exemplary Continuing Volunteer Service, 1994.

Prentice Hall of Fame Economist Baseball Cards, 1995.

IV. Other Professional Activities

Research Projects/Groups: Member, Project LINK, 1970-

Research Associate, National Bureau of Economic Research, Inc., 1976-77.

National Fellow, Educational Finance and Productivity Center, University of Chicago, 1978-

Corresponding Research Fellow, Institute of Economics, Academia Sinica, Taipei, 1982-2002.

Research Adviser, Chung-Hua Institution for Economic Research, Taipei, 1982-2000.

Research Fellow, The William Davidson Institute, University of Michigan Business School, Ann Arbor, 1997-98.

Other Professional Activities, contd.

- Professional Associations: Coordinator, Production Incentives Workshop, The Agricultural Development Council, Inc., 1971-74.
- Member, Program Committee, North American Winter Meeting of the Econometric Society, Toronto, December 1972.
- Member, Program Committee, North American Winter Meeting of the Econometric Society, San Francisco, December 1974.
- Member, Program Committee, The Third World Congress of the Econometric Society, Toronto, August 1975.
- Chairman, Program Committee, North American Summer Meeting of the Econometric Society, Montreal, June 1979.
- Member, Program Committee, North American Summer Meeting of the Econometric Society, Stanford, June 1984.
- Adviser, Organizing Committee, 1986 International Statistical Symposium, Taipei, Republic of China, August 1986.
- Member, Program Committee, The Sixth World Congress of the Econometric Society, Barcelona, August 1990.
- Editorships:
- Editor, Academia Economic Papers, 1973-
- Associate Editor, Journal of Econometrics, 1974-75.
- American Editor, Review of Economic Studies, 1976-78.
- Associate Editor, Journal of Applied Econometrics, 1986-88.
- Reviewer, Mathematical Reviews, 1976-
- Editorial Adviser, Hong Kong Economic Papers, 1979-
- Associate Editor, Economics Letters, 1978-81.
- Editorial Adviser (Economics), World Scientific Publishing Co. Pte. Ltd., 1985-91.
- Member, International Board of Editors, The Pakistan Development Review, 1988-
- Member, Editorial Board, China Economic Review, 1989-
- Member, Board of Editors, Journal of Comparative Economics, 1989-92.
- Associate Editor, Journal of the Japanese and International Economies, 1990-1995.
- Editor, World Scientific Publishing Co. Series in Economic Theory, Methods and Applications, 1991-
- Member, Editorial Board, Journal of Economic Integration, 1995-
- Member, International Board of Editors, Pacific Economic Review, 1996-1998.
- Member, Board of Editors, Seoul Journal of Economics, 1996-
- Editorial Adviser, Asian Economic Journal, 2001-
- Consultancies:
- Consultant, Educational Testing Service, 1974-78.
- Consultant, Federal Energy Administration, 1975.
- Consultant, Federal Reserve Bank of San Francisco, 1975.

Consultant, Food and Agriculture Organization of the United Nations, 1975-

Consultant, The World Bank, 1976-

Consultant, Electric Power Research Institute, 1977-

Consultant, The RAND Corporation, 1978-80.

Other Professional Activities, contd.

Consultant, The Agency for International Development, U.S. Department of State, 1979-80.

Consultant, Multi-Asian Properties, 1982-86.

Consultant, The International Commercial Bank of China, 1987-89.

Consultant, Asian Development Bank, 1988-

Adviser, China Securities Investment Trust Corporation, 1993-

Consultant, Capital International, Inc., 1996-1999.

Member, International Advisory Council, China Development Bank, Beijing, 1999-

Consultant, Capital Management and Research Company, 2000-2002.

Directorships:

Member, Board of Directors, Bank of Canton of California, 1979-85.

Vice Chairman, Board of Directors, Bank of Canton of California Building Corporation, 1981-85.

Member, Board of Directors, California Canton International Bank Limited, Nassau, Bahamas, 1982-85.

Member, Board of Directors, Property Resources Equity Trust, 1987-88.

Member, Board of Directors, OEMEC (Taiwan) Corporation, Taipei, 1990-

Member, Board of Directors, The Taiwan Fund, Inc., 1998-

Vice Chairman, Board of Directors, The Bank of Canton of California, 1999-

Member, Board of Directors, Bank of Canton of California Building Corporation, 1999-

Member, Board of Directors, California Canton International Bank Limited, Nassau, Bahamas, 1999-2001.

Member, Board of Directors, Morningside Technologies, Inc., Hong Kong, 2000-2001.

Member, Board of Directors, PreCom, Inc., Palo Alto, 2000-2002.

Member, Board of Directors, BOC International Holdings Limited, Hong Kong, 2001-

Member, Board of Directors, California Canton International Bank Limited, Grand Cayman, Cayman Islands, 2001-

Member, Board of Directors, Media Partners International Holdings Inc., Hong Kong, 2001-

Other Professional Services: Member, American Economic Association-Social Science Research Council U.S.-China Economics Liaison Committee, 1980-

External Examiner in Economics, The Chinese University of Hong Kong, 1982-84, 1988-90.

Member, The Executive Board, American Committee on Asian Economic Studies, 1983-

Member, Selection Committee, Korea Development Institute Fellowship Program, 1986-

Member, Committee on Economics Education and Research in China, 1983-1995.

Adviser, Self-Help for the Elderly, San Francisco, 1983-

Member, Board of Advisers, Chinese Economic Association in North America, 1987-

Honorary Professor, College of Management, Qing Hua University, Beijing, 1987-

Member, Board of Directors, The Economics Institute, Boulder, Colorado, 1989-94.

Member, Board of Directors, Chiang Ching-Kuo Foundation for International Scholarly Exchange, 1989-2004.

Other Professional Activities, contd.

Honorary Research Fellow, Institute of Quantitative and Technical Economics, The Chinese Academy of Social Sciences, Beijing, 1989-

Member, National Committee for United States-China Relations, 1989-

External Examiner in Economics, National University of Singapore, 1990-94.

Member, Board of Directors, The Wu Foundation, 1990-2004.

Member, Academic Advisory Council, Institute of Economics, Academia Sinica, Taipei, 1991-2001.

Member, Board of Directors, Friends of Stanford University Foundation, Taipei, 1992-

President-Elect, Chinese Economic Association in North America, 1993.

Member, Governor's Council of Economic Policy Advisers, State of California, 1993-1999.

Member, Academic Committee, China Securities Industry Institute, 1993-

Member, Advisory Board, Chinese Finance Association (U.S.A.), 1993-

Member, Board of Directors, Kuo-Hwa Yu Cultural and Educational Foundation, 1993-1996.

Member, American Council of Learned Societies-Chiang Ching-Kuo Foundation Fellowship Selection Committee, 1993-1994.

President, Chinese Economic Association in North America, 1994.

Honorary Professor, People's University of China, 1994-

Honorary Professor, Shantou University, 1994-

Member, Academic Council, The China Center for Economic Research, Peking University, 1994-

Member, Advisory Board, The Chinese Finance Association, 1994-

Member, Advisory Council, National Tsing-Hua University, Hsinchu, 1994-1997.

Member, International Advisory Board, Productivity and Quality Research Centre, The National University of Singapore, 1994-

Trustee, Hong Kong/Stanford University Charitable Trust, 1994-

Member, Joint American Council of Learned Societies/Social Sciences Research Council Committee on Chinese Studies, 1995-1996.

Adviser, Kuo-Hwa Yu Cultural and Educational Foundation, 1996-

Honorary Professor, Institute of Systems Science, Chinese Academy of Sciences, Beijing, 1996-

Member, International Advisory Board, Hong Kong Policy Research Institute Free Market index, 1997-

Adviser, National Natural Science Foundation of the People's Republic of China, 1997-

Honorary Member, Board of Trustees, San Yuan Yu You-Ren Memorial Museum, San Yuan, Shaanxi, China, 1997-

Member, International Advisory Board, East Asian Institute, The National University of Singapore, 1997-2000.

Member, Academic Advisory Council, Sun Yat-Sen Institute for Social Sciences and Philosophy, Academia Sinica, Taipei, 1997-2001.

Overseas Part-Time Member, Central Policy Unit, The Government of the Hong Kong Special Administrative Region, 1998-1999.

Member, Asian Art Commission, City and County of San Francisco, 1998-2001.

Other Professional Activities, contd.

Honorary Professor, Nankai University, Tianjin, 1998-

Honorary Research Fellow, Shanghai Academy of Social Sciences, 1998-

Member, Advisory Committee, Ministry of Foreign Affairs, Republic of China on Taiwan, 1999.

Member, Board of Directors, Hwa-Ying Culture and Education Foundation, 1999-

Member, Advisory Committee, School of Humanities and Social Sciences, Hong Kong University of Science and Technology, 1999-2002.

Member, Academic Advisory Board, Educate Girls, 1999-

Honorary Professor, Nanjing University, Nanjing, 2000-

Honorary Professor, Southeast University, Nanjing, 2000-

Member, Council of Advisors on Innovation and Technology, Hong Kong Special Administrative Region of the People's Republic of China, 2000-2002.

International Advisor, National Bureau of Statistics, People's Republic of China, 2000-2003.

Member, U.S. Steering Committee, U.S.-Taiwan Government-University-Industry Dialogue, U.S. National Academies, 2001-

Senior Adviser, Taiwan Academy of Banking and Finance, 2001-2002.

Member, Advisory Committee, The Research Center for Taiwan Economic Development, National Central University, Chung-Li, Taiwan, ROC, 2002-

V. **Publications**

Books and Monographs:

1. Farmer Education and Farm Efficiency, Johns Hopkins University Press, Baltimore, 1982 (with Dean T. Jamison).
2. Models of Development: A Comparative Study of Economic Growth in South Korea and Taiwan, ICS Press, San Francisco, 1986 (as editor and contributor); translated into Chinese as Chung Han Ching-Chi Fa-chan Mo-shih ti Pi-Chiao, Taipei: Commission on Economic Planning and Development, The Executive Yuan, 1986; Translated into Spanish as Modelos de Desarrollo: Estudio Comparativo del Crecimiento Economico de Taiwan y Corea del Sur.
3. Models of Development: A Comparative Study of Economic Growth in South Korea and Taiwan, revised and expanded edition, ICS Press, San Francisco, 1990 (as editor and contributor).
4. Econometrics and the Cost of Capital: Essays in Honor of Dale W. Jorgenson, The Massachusetts Institute of Technology Press, Cambridge, MA, 2000 (as editor and contributor).
5. North Korea in Transition: Prospects for Economic and Social Reform, Edward Elgar, Northampton, MA, 2001 (as editor with Chang-Ho Yoon and contributor).
6. U.S. Direct Investment in China, American Enterprise Institute, Washington, D.C., 2001, forthcoming (with K. C. Fung and Joseph S. Lee).
7. Exact Aggregation, North-Holland Publishing Company, Amsterdam, 2001, forthcoming.
8. Basic Microeconomics, The M.I.T. Press, Cambridge, MA, 2001, forthcoming.
9. The Chinese Economy in the Twenty-First Century: An Econometric Approach, World Scientific Publishing Company, Singapore, 2001, forthcoming.

Publications, contd.

Articles and Notes:

1. "Towards a Mathematical Model of Government Behaviour," Zeitschrift für Nationalökonomie, Vol. 28, No. 4, November 1968, pp. 355-380; reprinted in B.S. Frey, ed., Political Business Cycles, London: Edward Elgar, 1995, forthcoming (with Bruno S. Frey).
2. "Duality and the Structure of Utility Functions," Journal of Economic Theory, Vol. 1, No. 4, December 1969, pp. 374-396.
3. "A Test for Balanced and Unbalanced Growth," The Review of Economics and Statistics, Vol. 52, No. 4, November 1970, pp. 376-384 (with Pan A. Yotopoulos).
4. "Labor Intensity and Relative Efficiency in Indian Agriculture," Food Research Institute Studies in Agricultural Economics, Trade, and Development, Vol. 9, No. 3, 1970, pp. 43-55 (with Pan A. Yotopoulos and Kutlu Somel).
5. "A Test for Relative Efficiency and an Application to Indian Agriculture," The American Economic Review, Vol. 61, No. 1, March 1971, pp. 94-109 (with Pan A. Yotopoulos).
6. "Ideology, Public Approval, and Government Behavior," Public Choice, Vol. 10, Spring 1971, pp. 20-40 (with Bruno S. Frey).
7. "Peasant Consumption, Saving and Investment in Mainland China," in W.A.D. Jackson, ed., Agrarian Policies and Problems in Communist and Non-Communist Countries, University of Washington Press, Seattle, 1971, pp. 305-337.
8. "Profit, Supply, and Factor Demand Functions," American Journal of Agricultural Economics, Vol. 54, No. 1, February 1972, pp. 11-18 (with Pan A. Yotopoulos).
9. "Profit Functions of Technologies with Multiple Inputs and Outputs," The Review of Economics and Statistics, Vol. 54, No. 3, August 1972, pp. 281-289.
10. "Economies of Scale, Technical Progress, and the Nonhomothetic Leontief Production Function: An Application to the Japanese Petrochemical Processing Industry," The Journal of Political Economy, Vol. 80, No. 6, November/December 1972, pp. 1167-1187 (with Shuji Tamura), reprinted in Critical Assessments of Contemporary Economists: W. W. Leontief, Routledge Publishers, London, 1998.
11. "Transcendental Logarithmic Production Frontiers," The Review of Economics and Statistics, Vol. 55, No. 1, February 1973, pp. 28-45 (with Laurits R. Christensen and Dale W. Jorgenson); identified as Citation Classic in Current Contents, Vol. 17, No. 15, April 15, 1985, p. 20; reprinted in Dale W. Jorgenson, Econometrics, Vol. 1: Econometric Modeling of Producer Behavior, Cambridge, MA: The MIT Press, 2000, pp. 125-158.
12. "A Test for Relative Efficiency: Some Further Results," The American Economic Review, Vol. 63, No. 1, March 1973, pp. 214-223 (with Pan A. Yotopoulos).
13. "Semiordeers and the Theory of Choice," Econometrica, Vol. 41, No. 5, September 1973, pp. 901-912 (with Dean T. Jamison).
14. "A Simple Demonstration of the Equivalence of the Chow Test and the Classical Test for a Set of Linear Hypotheses," Academia Economic Papers, Vol. 1, No. 2, September 1973, pp. 27-31.
15. "Elasticities of Substitution and Export Demands in a World Trade Model," European Economic Review, Vol. 4, No. 4, December 1973, pp. 347-380 (with Bert G. Hickman).
16. "Economic Development and Industrialization," in Yuan-Li Wu, ed., China: A Handbook, Praeger Publishers, New York, 1973, pp. 533-577.
17. "Micro-Functions in a Macro Model: An Application to Agricultural Employment and Development Strategies," in E.B. Ayal, ed., Micro Aspects of Development, Praeger Publishers, New York, 1973, pp. 212-240, 308-310 (with Pan A. Yotopoulos).
18. "Chi-shu Erh-chung-hsing yu Ching-chi Hsing-wei" (The Duality of Technology and Economic Behavior), Academia Economic Papers, Vol. 2, No. 1, March 1974, pp. 13-43 (with Dale W. Jorgenson).
19. "The Duality of Technology and Economic Behaviour," The Review of Economic Studies, Vol. 41, No. 126, April 1974, pp. 181-200 (with

Dale W. Jorgenson); reprinted in Dale W. Jorgenson, Econometrics, Vol. 1: Econometric Modeling of Producer Behavior, Cambridge, MA: The MIT Press, 2000, pp. 159-188.

20. "Duality and Differentiability in Productio Journal of Economic Theory, Vol. 9, No. 1, September 1974, pp. 23-42 (with Dale W. Jorgenson); reprinted in Dale W. Jorgenson, Econometrics, Vol. 1: Econometric Modeling of Producer Behavior, Cambridge, MA: The MIT Press, 2000, pp. 189-208.

Publications, contd.

21. "On Modeling the Agricultural Sector in Developing Countries: An Integrated Approach of Micro and Macroeconomics," Journal of Development Economics, Vol. 1, No. 2, September 1974, pp. 105-127 (with Pan A. Yotopoulos).
22. "Application of Duality Theory: A Comment," in M.D. Intriligator and D.A. Kendrick, eds., Frontiers in Quantitative Economics, Vol. II, North-Holland Publishing Company, Amsterdam, 1974, pp. 176-199.
23. "The Structure of Consumer Preferences," Annals of Economic and Social Measurement, Vol. 6, April 1975, pp. 49-101 (with Dale W. Jorgenson); reprinted in Dale W. Jorgenson, Welfare, Vol. 1: Aggregate Consumer Behavior, Cambridge, MA: The MIT Press, 1997, pp. 29-90.
24. "Transcendental Logarithmic Utility Functions," The American Economic Review, Vol. 65, No. 3, June 1975, pp. 367-383 (with Laurits R. Christensen and Dale W. Jorgenson); reprinted in Dale W. Jorgenson, Welfare, Vol. 1: Aggregate Consumer Behavior, Cambridge, MA: The MIT Press, 1997, pp. 1-28.
25. "Semiordeers and the Theory of Choice: A Correction," Econometrica, Vol. 43, No. 5-6, Sept.-Nov. 1975, pp. 979-980 (with Dean T. Jamison).
26. "The Balanced-Unbalanced Growth Controversy Revisited," The Review of Economics and Statistics, Vol. 57, No. 4, November 1975, pp. 516-517 (with Pan A. Yotopoulos).
27. "A Characterization of the Normalized Restricted Profit Function," Journal of Economic Theory, Vol. 12, No. 1, February 1976, pp. 131-163; reprinted in D. Cass and K. Shell, eds., The Hamiltonian Approach to Economic Dynamics, Academia Press, New York, 1976, pp. 131-163.
28. "Pacific Basin National Econometric Models: A Survey and an Evaluation of Linkage Feasibility," Explorations in Economic Research, Vol. 3, No. 2, Spring, 1976, pp. 199-249 (with Bert G. Hickman).
29. "Microeconomic Output Supply and Factor Demand Equations in the Agriculture of the Province of Taiwan," American Journal of Agricultural Economics, Vol. 57, No. 2, May 1976, pp. 333-340 (with Wu-Long Lin and Pan A. Yotopoulos).
30. "A Note on Elasticity of Substitution Functions," The Review of Economic Studies, Vol. 43, No. 2, June 1976, pp. 353-358.
31. "The Nature of Equilibrium with Semiordeered Preferences," Econometrica, Vol. 45, No. 7, October 1977, pp. 1595-1606 (with Dean T. Jamison).
32. "Complete Systems of Consumer Demand Functions Through Duality," in Michael D. Intriligator, ed., Frontiers of Quantitative Economics, Vol. IIIA, North Holland Publishing Company, Amsterdam, 1977, pp. 59-85.
33. "Statistical Tests of the Theory of Consumer Behavior," in H. Albach, E. Helmstadter and R. Henn, eds., Quantitative Wirtschaftsforschung: Wilhelm Krelle zum 60. Geburtstag, J.C.B. Mohr (Paul Siebeck), Tübingen, 1977, pp. 383-394 (with Dale W. Jorgenson); reprinted in Dale W. Jorgenson, Welfare, Vol. 1: Aggregate Consumer Behavior, Cambridge, MA: The MIT Press, 1997, pp. 91-102.
34. "Efficiency in the Optimum Supply of Public Goods," Econometrica, Vol. 46, No. 2, March 1978, pp. 269-284 (with Eytan Sheshinski and Joseph E. Stiglitz).
35. "When Is a Tax Neutral?" Journal of Public Economics, Vol. 9, No. 3, June 1978, pp. 319-339.
36. "The Linear Logarithmic Expenditure System: An Application to Consumption-Leisure Choice," Econometrica, Vol. 46, No. 4, July 1978, pp. 843-868 (with Wu-Long Lin and Pan A. Yotopoulos).
37. "Applications of Profit Functions," in Melvyn A. Fuss and Daniel L. McFadden, eds., Production Economics: A Dual Approach to Theory and Applications, Vol. 1, North-Holland Publishing Company, Amsterdam, 1978, pp. 133-216 (available on line at <http://elsa.berkeley.edu/~mcfadden/prodecon1.html>).
38. "The 'Reduced Form' Approach to Combining Energy Models: Some Methodological Issues," Proceedings: Second Lawrence Symposium on Systems and Decision Sciences, Western Periodicals Company, North Hollywood, CA, 1978, pp. 188-192 (with D.R. Fromholzer).

39. "Taxation and Aggregate Factor Supply: Preliminary Estimates," 1978 Compendium of Tax Research, Office of Tax Analysis, U.S. Department of the Treasury, 1978, pp. 3-15 (with Michael J. Boskin).

Publications, contd.

40. "Testing and Imposing Monotonicity, Convexity and Quasiconvexity Constraints," in Melvyn A. Fuss and Daniel L. McFadden, eds., Production Economics: A Dual Approach to Theory and Applications, Vol. 1, North-Holland Publishing Company, Amsterdam, 1978, pp. 409-453 (downloadable as pdf files from <http://elsa.berkeley.edu/~mcfadden/prodecon1.html>).
41. "A Theorem on the Identifiability of the von Neumann-Morgenstern Utility Function from Asset Demands," Economics Letters, Vol. 1, No. 3, 1978, pp. 217-220 (with Jerry R. Green and Heraklis M. Polemarchakis).
42. "A Note on the Compatibility of a System of Difference Equations and a Time-Dependent Linear Equation," Economics Letters, Vol. 1, No. 3, 1978, pp. 243-247.
43. "A Method for Constructing an Intertemporal Utility from a Friedmanian Consumption Function," Economics Letters, Vol. 1, No. 4, 1978, pp. 303-309.
44. "On Exact Index Numbers," The Review of Economics and Statistics, Vol. 61, No. 1, February 1979, pp. 73-82.
45. "The Integrability of Consumer Demand Functions," European Economic Review, Vol. 12, No. 2, April 1979, pp. 115-147 (with Dale W. Jorgenson); reprinted in Dale W. Jorgenson, Welfare, Vol. 1: Aggregate Consumer Behavior, Cambridge, MA: The MIT Press, 1997, pp. 103-136.
46. "The Nature of Equilibrium with Semioordered Preferences: A Correction," Econometrica, Vol. 47, No. 4, July 1979, pp. 1047-1048 (with Dean T. Jamison).
47. "The Pacific Basin in World Trade, Part III: An Analysis of Changing Trade Patterns, 1955-1975," Empirical Economics, Vol. 4, No. 1, 1979, pp. 63-85 (with Bert G. Hickman and Yoshimi Kuroda).
48. "Introduction," in Pan A. Yotopoulos and Lawrence J. Lau, eds., Resource Use in Agriculture: Applications of the Profit Function to Selected Countries, Food Research Institute Studies, Vol. 17, No. 1, 1979, pp. 1-9 (with Pan A. Yotopoulos).
49. "The Methodological Framework," in Pan A. Yotopoulos and Lawrence J. Lau, eds., Resource Use in Agriculture: Applications of the Profit Function to Selected Countries, Food Research Institute Studies, Vol. 17, No. 1, 1979, pp. 11-22 (with Pan A. Yotopoulos).
50. "Efficiency and Technological Change in Taiwan Agriculture," in Pan A. Yotopoulos and Lawrence J. Lau, eds., Resource Use in Agriculture: Applications of the Profit Function to Selected Countries, Food Research Institute Studies, Vol. 17, No. 1, 1979, pp. 23-50 (with Wu-Long Lin and Pan A. Yotopoulos).
51. "A Microeconomic Analysis of the Agriculture of Thailand," in Pan A. Yotopoulos and Lawrence J. Lau, eds., Resource Use in Agriculture: Applications of the Profit Function to Selected Countries, Food Research Institute Studies, Vol. 17, No. 1, 1979, pp. 79-86 (with Kamphol Adulavidhaya, Yoshimi Kuroda, Pichit Lerttamrab and Pan A. Yotopoulos).
52. "Economic Efficiency of Agricultural Production in Northeast China, Circa 1940," in Pan A. Yotopoulos and Lawrence J. Lau, eds., Resource Use in Agriculture: Applications of the Profit Function to Selected Countries, Food Research Institute Studies, Vol. 17, No. 1, 1979, pp. 99-106 (with Ramon H. Myers and Erwin C. Chou).
53. "Summary and Conclusions," in Pan A. Yotopoulos and Lawrence J. Lau, eds., Resource Use in Agriculture: Applications of the Profit Function to Selected Countries, Food Research Institute Studies, Vol. 17, No. 1, 1979, pp. 107-114 (with Pan A. Yotopoulos).
54. "Alternative Approaches to Linkage of National Econometric Models," in J.A. Sawyer, ed., Modeling the International Transmission Mechanism, North-Holland Publishing Company, Amsterdam, 1979, pp. 9-43 (with Jorge L. Gana, Bert G. Hickman and L.R. Jacobson).
55. "Educational Production Functions," in Douglas M. Windham, ed., Economic Dimensions of Education, National Academy of Education, May 1979, pp. 33-69.
56. "Identifiability of the von Neumann-Morgenstern Utility Function from Asset Demands," in Jerry R. Green and Jose A. Scheinkman, eds., General Equilibrium, Growth and Trade: Essays in Honor of Lionel McKenzie, Academic Press, New York, 1979, pp. 151-161 (with Jerry R. Green and Heraklis M. Polemarchakis).
57. "Welfare Comparison under Exact Aggregation," The American Economic Review, Vol. 70, No. 2, May 1980, pp. 268-272 (with Dale W.

Jorgenson and Thomas M. Stoker).

58. "Farmer Education and Farm Efficiency: A Survey," Economic Development and Cultural Change, Vol. 29, No. 1, October 1980, pp. 37-76 (with Marlaine E. Lockheed and Dean T. Jamison).

Publications, contd.

59. "Is the Expected Utility Maximization Hypothesis Refutable by Finite Market Data: The Case of Two Observations," Economics Letters, Vol. 5, No. 4, 1980, pp. 297-300.
60. "Notes on a Simple Approach for Estimating the First-Order Effect of Energy Conservation on Inflation," Conference Proceedings: Inflation, the Economy, Energy Conservation and Renewable Resources, Office of Conservation and Solar Energy, U.S. Department of Energy, Washington, D.C., May 14, 1980, pp. 23-30.
61. "On the Uniqueness of the Representation of Commodity-Augmenting Technical Change," in Lawrence R. Klein, Marc Nerlove and Sho-Chieh Tsiang, eds., Quantitative Economics and Development: Essays in Memory of Ta-Chung Liu, Academic Press, New York, 1980, pp. 281-290.
62. "Notes on the Industrial Policy in the People's Republic of China," Pacific Basin Economic Review, Vol. 1, No. 1, Spring 1981, pp. 41-44.
63. "The Microeconomics of Distribution: A Simulation of the Farm Economy," Journal of Policy Modeling, Vol. 3, No. 2, 1981, pp. 175-206 (with Pan A. Yotopoulos, Erwin C. Chou and Wu-Long Lin).
64. "Aggregate Consumer Behavior and Individual Welfare," in D. Currie, R. Nobay, and D. Peel, eds., Macroeconomic Analysis: Essays in Macroeconomics and Econometrics, Croom Helm, London, 1981, pp. 35-61 (with Dale W. Jorgenson and Thomas M. Stoker).
65. "Sheng-chan-li ti Heng-liang" (The Measurement of Productivity), Academia Economic Papers, Vol. 10, No. 2, September 1982, pp. 1-19. Translated into English as "The Measurement of Productivity: A Lecture in Memory of Professor Ta-Chung Liu," Discussion Paper No. 8, Center for Economic Policy Research, Stanford University, July 1983, reprinted in Tzong-Shian Yu and Paul K.C. Liu, eds., Chi-Nien Liu Ta-Chung Shen-Sheng Hsueh-Shu Yen-Chiang Chih (Collected Academic Lectures in Memory of Mr. Ta-Chung Liu), Taipei: Institute of Economics, Academia Sinica, 1985, pp. 121-146.
66. "The Transcendental Logarithmic Model of Aggregate Consumer Behavior," in Robert L. Basmann and G. Rhodes, eds., Advance in Econometrics, Vol. 1, JAI Press, Greenwich, Conn., 1982, pp. 97-238 (with Dale W. Jorgenson and Thomas M. Stoker); reprinted in Dale W. Jorgenson, Welfare, Vol. 1: Aggregate Consumer Behavior, Cambridge, MA: The MIT Press, 1997, pp. 203-356.
67. "A Note on the Fundamental Theorem of Exact Aggregation," Economics Letters, Vol. 9, No. 1, 1982, pp. 119-126.
68. "On Identifying the Degree of Competitiveness from Industry Price and Output Data," Economics Letters, Vol. 10, Nos. 1-2, 1982, pp. 93-99.
69. "The Measurement of Raw Material Inputs," in V. Kerry Smith and John V. Krutilla, eds., Explorations in Natural Resource Economics, Johns Hopkins University Press, Baltimore, 1982, pp. 167-199.
70. "Samuelson and the Theory of Production," in George R. Feiwel, ed., Samuelson and Neoclassical Economics, Kluwer-Nijhoff Publishing, Boston, 1982, pp. 83-89.
71. "Taxation, Social Security and Aggregate Factor Supply in the United States," in D. Kessler, A. Masson and D. Strauss-Kahn, eds., Accumulation et Repartition des Patrimoines, Economica, Editions du C.N.R.S., Paris, France, 1982, pp. 185-198 (with Michael J. Boskin).
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36. "The Simulation of the Chinese Economy under Market-Determined Allocation Mechanisms," paper presented at the World Meeting of Project LINK, Melbourne, Australia, September 1987 (mimeographed).
37. "Economics Education and Economic Development in China," paper presented at the Colloquium on "Education toward Social Progress," Nanjing, China, October 1988, also issued as "Economics and China," Working Paper, Northeast Asia-United States Forum on International Policy, Stanford University, February 1989 (mimeographed).
38. "A Nonparametric Test of Parametric Functional Forms: An Application to the Transcendental Logarithmic Function," paper presented at the National Science Foundation Conference on Parametric and Nonparametric Approaches to Frontier Analysis, University of North Carolina, Chapel Hill, NC, September 30-October 1, 1988 (mimeographed).
39. "The Effects of Economic Reforms on Chinese Agricultural and Industrial Productivity," paper presented at the Conference on International Productivity and Competitiveness, Palo Alto, October, 1988 (with X.-K. Chen).

40. "Economies of Scale and Technical Change in Automobile Manufacturing: A Comparison of Japanese and United States Firms," paper presented at the Allied Social Science Associations Meeting, New York, December 1988 (with M. B. Lieberman and M. D. Williams).
41. "Accounting for Intercountry Differences in Agricultural Productivity: Environment, Efficiency, Inputs, Scale and More," paper presented at the Far Eastern Meeting of the Econometric Society, Kyoto, June 1989 (with P.A. Yotopoulos).

Publications, contd.

42. "A Microeconomic Model of Disequilibrium with 'Spillover' Effects: An Application to the Relationship between Credit and Productivity in Chinese Agriculture," paper presented at the International Economic Association Meeting, Athens, August 1989 (with Gershon Feder).
43. "Quadrilateral Trading Patterns: China-Japan-U.S.A. and Rest-of-the-World," paper presented at the American Economic Association Meeting, Atlanta, December 1989 (with L.R. Klein, L.-S. Shen and L.-L. Xu).
44. "Post-War Economic Growth in the Group-of-Five Countries: A New Analysis," Publication No. 217, Center for Economic Policy Research, Stanford University, July 1990; also issued as Working Paper No. 3521, National Bureau of Economic Research, Inc., Cambridge, MA (with Michael J. Boskin).
45. "A Class of Utility Functions That Exhibit Decreasing Absolute and Increasing Relative Risk Aversion," working paper, Department of Economics, Stanford University, December 1990.
46. "Economies of Scale in Chinese Agriculture: Evidence from Microeconomic Data," Working Paper, Department of Economics, Stanford University, January 1991 (with Gershon Feder).
47. "Education and Productivity in Developing Countries: An Aggregate Production Function Approach," Working Paper WPS 612, the World Bank, Washington, D.C., March 1991 (with Dean T. Jamison and F.F. Louat).
48. "Aggregate Saving Behavior in Chinese Societies," Research Memorandum No. 296, Center for Research in Economic Growth, Stanford University, February, 1991 (with S.P. Lau).
49. "The Distribution of Educational Attainment and Productivity: The Case of Brazil," Working Paper, Stanford, CA: Department of Economics, Stanford University, April 1991 (with S.-C. Liu).
50. "Lifetime Consumption and Saving of Individual U.S. Households: A Simulation Study," Working Paper, Stanford, CA: Department of Economics, Stanford University, May 1991 (with Michael J. Boskin and M.-L. Chen).
51. "Economies of Scale and Technical Progress: The Japanese Petro-Chemical Processing Industry Revisited," Publication No. 260, Stanford, CA: Center for Economic Policy Research, Stanford University, June 1991 (with Shuji Tamura and Shu-Cheng Liu).
52. "Labor-Augmenting Technical Progress is Neither Necessary Nor Sufficient for Harrod-Neutrality When Returns to Scale are Non-Constant," Working Paper, Stanford, CA: Department of Economics, Stanford University, October 1991 (mimeographed).
53. "Growth versus Privatization--An Alternative Strategy to Reduce the Public Enterprise Sector: The Experiences of Taiwan and South Korea," Working Paper, Stanford, CA: Department of Economics, Stanford University, 1992 (with D.H. Song) (mimeographed).
54. "The Importance of Embodied Technical Progress: Some Empirical Evidence from the Group-of-Five Countries," Publication No. 296, Stanford, CA: Center for Economic Policy Research, Stanford University, June 1992 (with Jong-Il Kim) (mimeographed).
55. "The Impact of Computer Technology on the Aggregate Productivity of the United States: An Indirect Approach," Working Paper, Stanford, CA: Department of Economics, Stanford University (with I. Tokutsu) (mimeographed).
56. "Human Capital and Aggregate Productivity: Some Empirical Evidence from the Group-of-Five Countries," Publication No. 318, Center for Economic Policy Research, Stanford University, July 1992 (with Jong-Il Kim) (mimeographed).
57. "Macroeconomic Policies for Stabilization and Growth: A Comment on Guo Shu-Qing, 'Develop China's Macroeconomic Management', paper presented at the International Conference on China's Macroeconomic Management, Dalian, June 10-12, 1993.
58. "Poverty Alleviation in Taiwan," paper presented at the Seminar, "En la Huella de Miguel Kast: Los Nuevos Desafios de la Pobreza," organized by Fundacion Miguel Kast, Santiago, Chile, September 3-4, 1993.
59. "Macroeconomic Stabilization and the Reform of Financial Institutions and the State-Owned Enterprises," paper presented at the Conference on the Chinese Economy 2000, Beijing, November 13, 1994.
60. "How the East Grew Rich," keynote speech presented at the Salzburg Seminar, Stanford, December 1, 1994.

61. "Industrial Policy in the Changing Global Environment," paper presented at Conference on "Asia into the Global Economy," Seoul, January 9-10, 1995.

Publications, contd.

62. "European Union: An Asian Perspective," dinner speech presented at the Conference on "Options for the European Union: Meeting the Challenge of Enlargement," Stanford, March 17-18, 1995.
63. "Economic and Political Factors in Mainland China," paper presented at the Second Annual Conference of the Pacific Pension Institute, Gleneden Beach, Oregon, July 20-23, 1995.
64. "The Global Impact of Chinese Economic Growth," paper presented at the Meeting of the Aspen Strategy Group, Aspen Institute, Aspen, Colorado, August 20-25, 1995.
65. "Sources of Long-Term Economic Growth: Empirical Evidence from Developed and Developing Countries," paper presented at the Seventh World Congress of the Econometric Society, Tokyo, August 22-29, 1995.
66. "The China-U.S. Bilateral Trade Balance: How Big Is It Really?," Asia/Pacific Research Center, Stanford University, March 1996 (with Kwok-Chiu Fung).
67. "Pareto-Improving Economic Reforms through Dual-Track Liberalization," Discussion Paper No. 1595, Centre for Economic Policy Research, London, April 1997 (with Ying-Yi Qian and Gerard Roland).
68. "Reform without Losers: An Interpretation of China's Dual-Track Approach to Transition," Discussion Paper No. 1798, Centre for Economic Policy Research, London, February 1998 (with Ying-Yi Qian and Gerard Roland).
69. "New Estimates of the United States-China Bilateral Trade Balances," Occasional Paper, Asia/Pacific Research Center, Institute for International Studies, Stanford University, April 1999 (with Kwok-Chiu Fung), translated into Chinese as "Dui Mei Zhong Mao-Yi Ping-Heng Di Xin Gu-Suan," Guo-Ji Jing-Ji Ping-Lun (International Economic Review), No. 5-6, 1999, pp. 10-20.
70. "Aggregation without Homothetic Separability: A Conditional Aggregated-Inputs Production Function," Working Paper, Department of Economics, Stanford University, October 2000.
71. "Generalized Solow-Neutral Technical Progress and Postwar Economic Growth," Discussion Paper No. 00-12, Stanford Institute for Economic Policy Research, Stanford University, Stanford, CA, November 2000 and Working Paper 8023, National Bureau of Economic Research, Inc., Cambridge, MA, December 2000.

VI. Ph. D. Students

Year Completed	Names	Dissertation Title
1972	Shuji Tamura	Economies of Scale and Technological Progress of the Japanese Petrochemical Industry and Their Implications for Development Planning
1974	Sang M. Suh	The Determinants of Personal Income Distribution and its Relationship to Aggregate Saving and Employment with an Application to the Korean Economy
1974	Stuart J. Wells	Technology, Efficiency and Educational Production
1975	Pichit Lerttamrab	Liquidity and Credit Constraints: Their Effect on Farm Household Consumption, Output Supply and Factor Demand: A Case Study of Northern Thailand
1976	William W.F. Choa	The Relevance of Market Structure to Technological Progress: A Case Study of the Chemical Industry
1977	Kutlu Somel	Economics of Improved Dryland Wheat Technology: A Cast Study of Ankara, Turkey
1978	Jia-Dong Shea	The Policy Implications of the Government Budget Constraint in an Optimal Accumulation Model
1979	Laurence R. Jacobson	Optimal Investment and Extraction Rates for a Depletable Resource
1986	Erwin C. Chou	Farmer Ability and Farm Production: A Study of Farm Households in the Chiangmai Valley, Thailand, 1972-78
1986	Harold W. Furchtgott-Roth	Sensitivity of the Quantification of Technical Change to Specification and Measurement Errors
1986	Barry K. Ma	Specification, Identification, and Estimation of Models of Production with Vintage-Specific Techniques
1991	Mark D. Williams	Price Regulation When Time of Review is Stochastic or Endogenous
1992	Denise M. Hare	Non-Agricultural Employment, Earnings, and Income: Evidence from Farm Households in Southern China
1992	Jong-Il Kim	Technical Progress, Capital Accumulation and Economic Growth
1998	Shu-Cheng Liu	Technical Progress and the Evolution of Prices of Semiconductor Manufacturing Equipment Since 1970
1999	Jung-Soo Park	The Role of Intangible Capital in East Asian Economic Growth
1999	James K. Lavin	Labor Mobility, Worker Training and Industrial Organization in Developing Nations: The Internal Labor Market Trap
2000	Jeong-Joon Lee	An Empirical Puzzle in Wage Differentials
2001	Hong-Bin Li	Privatizing Rural China: The Role of Screening, Learning, and Contractual Innovation on the Evolution of Township and Village Enterprises