

**CURRICULUM VITA**  
**March 2018**

**NAME:** Harvey E. Lapan

**HOME ADDRESS:** 2727 Duff Avenue  
Ames, IA 50010  
515-232-0762

**OFFICE ADDRESS:** Dept. of Economics  
Iowa State University  
Ames, Iowa 50011  
515-294-5917

**BIRTH DATE:** November 18, 1946

**MARITAL STATUS:** Married, 2 children

**DEGREES:** M.I.T., B.S., June 1969  
M.I.T., M.S. in Economics, June 1969  
M.I.T., Ph.D. in Economics, September 1971

**FIELDS OF CONCENTRATION:** Advanced Economic Theory  
International Economics  
Mathematical Economics  
Fiscal Economics

**THESIS TITLE:** Models of Non-Steady-State Economic Growth and a Dynamic Model of the Firm

**THESIS COMMITTEE:** Professor Robert M. Solow, Supervisor  
Professor Paul A. Samuelson  
Professor Duncan K. Foley

**PROFESSIONAL EXPERIENCE:**

University Professor, Iowa State University, July 1993-  
Senior Staff Economist, Council of Economic Advisers, August 1988-August 1989  
Consultant, Board of Governors, Federal Reserve System, May-August 1983  
Visiting Professor of Economics, University of Hawaii at Manoa, 1982-83  
Professor of Economics, Iowa State University, September 1979-  
Associate Professor of Economics, Iowa State University, September 1975-August 1979  
Visiting Research Fellow, Institute for International Economic Studies (Stockholm), August  
1976-July 1977  
Assistant Professor of Economics, Iowa State University, September 1972-August 1975  
Assistant Professor of Economics, Northeastern University, September 1971-June 1972  
Instructor of Economics, Northeastern University, September 1969-September 1971

**GRADUATE COURSES TAUGHT:**

Microeconomics, General Equilibrium, Advanced Macroeconomics, International Trade,  
International Finance, Mathematical Economics, Advanced Economic Theory

**HONORS, SCHOLARSHIPS, AND FELLOWSHIPS:**

Master Teacher, College of Liberal Arts and Sciences, I.S.U., 2010-2011  
 University Professor, 1993  
 Chosen to be member of (U.S.) President's Council of Economic Advisers, 1988-89  
 Research Fellow, Institute for International Economic Studies, Stockholm, 1976-1977  
 National Science Foundation Summer Institute in Urban Economics, August 1972  
 National Science Foundation Fellowship, 1968-69  
 Honorary Woodrow Wilson Fellow, 1969  
 Phi Kappa Phi

**REFEREED PUBLICATIONS:**

- Harvey Lapan and Shiva Sikdar, "Is Trade in Permits Good for the Environment?"  
*Environmental and Resource Economics*, 2017, DOI 10.1007/s10640-017-0202-z.
- GianCarlo Moschini, Harvey Lapan and Hyunseok Kim, "The Renewable Fuel Standard in Competitive Equilibrium: Market and Welfare Effects," forthcoming, *American Journal of Agricultural Economics* (accepted May 2017)
- Harvey E. Lapan and Shiva Sikdar, "Can trade be good for the environment?" *Journal of Public Economic Theory*, Vol. 19 (2), April 2017, pp. 267-582.
- Jingbo Cui, Harvey Lapan and GianCarlo Moschini, "Productivity, Export and Environmental Performance: Air Pollutants in the United States," *American Journal of Agricultural Economics* (2016) 98 (2), March 2016, pp. 447-467.
- Harvey E. Lapan and GianCarlo Moschini, "Second-Best Biofuels Policies and the Welfare Effects of Quantity Mandates and Subsidies," *Journal of Environmental Economics and Management*, Vol. 63 (2012): 224-241.
- GianCarlo Moschini, Jingbo Cui and Harvey Lapan (2012), "Economics of Biofuels: An Overview of Policies, Impacts and Prospects," *Bio-based and Applied Economics*, 1(3):269-296.
- Shiva Sikdar and Harvey E. Lapan, "Carbon Leakage: The Role of Sequential Policy Setting," *Environment and Development Economic*, Vol. 17, Issue 1, Feb. 2012, pp. 91-104.
- Jingbo Cui, Harvey Lapan, GianCarlo Moschini and Joseph Cooper, "Welfare Impacts of Alternative Biofuel and Energy Policies", *American Journal of Agricultural Economics* (2011) 93(5): pages 1235-56; doi: 10.1093/ajae/aar053
- Chul-Woo Kwon and Harvey E. Lapan, "Does Market Familiarity Bless Multinational in Strategic Competition?" *Japan and the World Economy*, Vol. 23, Issue 1, Jan. 2011, pp. 58-62
- Harvey E. Lapan and Dave Hennessy, "Unit vs. Ad Valorem Taxes in Multi-Product Cournot Oligopoly," *Journal of Public Economic Theory*, Vol. 13, Issue 1, February 2011, 125-138.

- Harvey E. Lapan and Shiva Sikdar, "Strategic Environmental Policy under Free Trade with Transboundary Pollution", *Review of Development Economics*, Vol. 15, Issue 1, Feb. 2011, pp. 1-18.
- David Hennessy and Harvey E. Lapan, "Buying Ecological Services: Fragmented Reserves, Core and Periphery National Park Structure, and the Agricultural Extensification Debate," Nature's Harmonies, Fragmented Reserves and the Agricultural Extensification Debate," *Natural Resource Modeling*, Vol. 23, Issue 2, May 2010, pp.176-217.
- GianCarlo Moschini, Harvey Lapan, Jingbo Cui and Joseph Cooper (2010). "Assessing the Welfare Effects of US Biofuel Policies," *AgBioForum* 13(4) (2010):370-74.
- Bruno Larue, Harvey E. Lapan and Jean-Philippe Gervais, "Tariff-Rate Quotas, Rent-Shifting and the Selling of Domestic Access," The Estey Centre Journal of International Law and Trade Policy, Vol. 11, Number 1, 2010, pp. 213-226.
- Harvey E. Lapan and GianCarlo Moschini, "Quality certification standards in competitive markets: When consumers and producers (dis)agree" *Economics Letters*, Vol. 104, Issue 3, September 2009, 144-47.
- Dave Hennessy and Harvey E. Lapan, "Harmonic Symmetries of Imperfect Competition on Circular City", *Journal of Mathematical Economics*, Vol. 45, Issue 1-2, Jan. 2009, 124-146.
- Jean-Philippe Gervais, Bruno Larue and Harvey E. Lapan, "WTO Disciplines on Domestic Support and Market Access in Agri-food Supply Chains", *Canadian Journal of Agricultural Economics*, Vol. 56, No. 4, December 2008, 429-444.
- Jeong-Eon Kim and Harvey E. Lapan, "Heterogeneity of Southern Countries and Southern Intellectual Property Rights Policy," *Canadian Journal of Economics*, Vol 41. No. 3, August 2008, 894-925.
- Dave Hennessy and Harvey E. Lapan, "Statistical Moments Analysis of Production Patterns in Multi-Product Cournot Oligopoly", *International Journal of Industrial Organization*.26, March 2008, 598-606.
- Harvey E. Lapan and GianCarlo Moschini, "Grading, Minimum Quality Standards, and the Labeling of Genetically Modified Products," *American Journal of Agricultural Economics*, Vol. 89, No. 3, August 2007, 769-83.
- Dave Hennessy and Harvey E. Lapan, "When Different Market Concentration Indices Agree," *Economic Letters*, Vol 95, No. 2, May 2007, 234-40.
- Dave Hennessy and Harvey E. Lapan, "On the nature of certainty equivalent functionals," Journal of Mathematical Economics, Vol 43, No. 1, December 2006, 1-10.
- Harvey Lapan and Dave Hennessy, "A Note on Cost Arrangement and Welfare in a Multi-Product Cournot Oligopoly," International Journal of Industrial Organization, Vol. 24, No. 3, May 2006, 583-91.

- Andrew Sobolevsky, GianCarlo Moschini and Harvey E. Lapan, "Genetically Modified Crops and (Induced) Product Differentiation: Trade and Welfare Effects in the Soybean Complex," American Journal of Agricultural Economics, Vol. 87, No. 3, August 2005, 621-44.
- Dave Hennessy and Harvey E. Lapan, "An Algebraic Theory of multi-product decisions," Economic Theory, Vol. 25, No. 4, June 2005, 819-29.
- Tigran Melkonyan and Harvey E. Lapan, "Tariffs, Quotas and Forward Contracts under Asymmetric Information", Review of International Economics Volume 13, Issue 2, May 2005, pp. 311-29.
- Bruno Larue, Jean-Philippe Gervais and Harvey E. Lapan, "Low-Price Low-Capacity Traps and Government Interventions", Canadian Journal of Agricultural Economics Vol. 52, No. 3, Nov. 2004, 237-256.
- Harvey Lapan and GianCarlo Moschini, "Innovation and Trade with Endogenous Market Failures: The Case of Genetically Modified Products," American Journal of Agricultural Economics, August 2004, Vol. 86, No. 3, pp. 630-44.
- Harvey Lapan and Jean-Philippe Gervais, "The Non-Equivalence of Import and Export Quotas", Review of International Economics, February 2004, Vol. 12, No. 1, pp. 130-7.
- Byoung-Ky Chang and Harvey E. Lapan, "Price commitment vs. flexibility: The role of exchange rate uncertainty and its implications for exchange rate pass-through," Review of International Economics, September 2003, Vol. 11, No. 4, pp. 697-711.
- Dave Hennessy and Harvey E. Lapan, "A Definition of 'More Systematic Risk' with Some Welfare Implications," Economica, August 2003, Vol. 70., No. 279, 493-508.
- Dave Hennessy and Harvey E. Lapan, "An Algebraic Theory of Portfolio Allocation," Economic Theory, August 2003, Vol. 22, No. 1, pp. 193-210.
- Dave Hennessy and Harvey E. Lapan, "Technology Asymmetries, Group Algebra and Multi-Plant Cost Minimization", Economic Inquiry, January 2003, Vol. 41, No. 1, pp 183-92.
- Dave Hennessy and Harvey E. Lapan, "Taste Asymmetries and Trade Patterns", Economic Bulletin, June 16, 2003, <http://www.economicbulletin.com/2003/volume4/EB-03D50004A.pdf>.
- Bruno Larue and Harvey Lapan, "Smuggling and Bhagwati's Non-Equivalence Between Tariffs and Quotas," Review of International Economics, November 2002, Vol 10, No. 4, pp. 729-48
- Harvey Lapan and Dave Hennessy, "Symmetry and Order in the Portfolio Allocation Problem," Economic Theory, June 2002, Vol. 19, No. 4, pp. 747-72.
- Jean-Philippe Gervais and Harvey E. Lapan, "Endogenous Choice of Trade Instrument under Uncertainty," International Economic Journal, Winter 2002, Vol. 16, No. 4, pp. 75-96.
- Dave Hennessy and Harvey E. Lapan, "The use of Archimedean copulas to model portfolio

allocations,” Mathematical Finance, April 2002, Vol. 12, No. 2, pp 143-54.

Jean-Philippe Gervais and Harvey Lapan, “Time Consistent Export Quotas in an Oligopolistic World Market,” Journal of International Economics, , Mar. 2002, Vol. 56, No. 2, pp. 445-463.

Jean-Philippe Gervais and Harvey Lapan, “Optimal Production Tax and Quota under Time Consistent Trade Policies,” American Journal of Agricultural Economics, November 2001, Vol. 83, No. 4, pp. 921-33.

Sylvain Boko and Harvey Lapan, “Pre-commitment Mechanism and Policy Credibility in African Trade Reform,” Review of Development Economics, February 2001, Vol. 5, No. 1, pp. 25-39.

Harvey Lapan and GianCarlo Moschini, “Incomplete Adoption of a Superior Innovation,” Economica, November 2000, Vol. 67, No. 268, pp. 525-42

GianCarlo Moschini, Harvey Lapan and Andrei Sobolevsky, "Roundup Ready ® Soybeans and Welfare Effects in the Soybean Complex," Agribusiness, Winter 2000, Vol. 16, No. 1, pp. 33-55.

Hongmo Sung and Harvey Lapan, “Strategic Foreign Direct Investment and Exchange Rate Uncertainty,” International Economic Review, May 2000, Vol. 41, No. 2, pp. 411-23.

GianCarlo Moschini and Harvey Lapan, “Intellectual Property Rights and the Welfare Effects of Agricultural R & D,” American Journal of Agricultural Economics, November 1997, Vol. 79, No. 4, pp. 1229-42

Harvey Lapan and Giancarlo Moschini, “Optimal Price Policy and the Futures Market”, 53, Economic Letters, 1996, 175-82.

Giancarlo Moschini and Harvey Lapan. “The Hedging Role of Options and Futures under Joint Price, Basis and Production Risk,” International Economic Review, November 1995, Vol. 36, No. 4, pp. 1025-50.

Harvey Lapan and Giancarlo Moschini. “Futures Hedging Under Price, Basis and Production Risk,” American Journal of Agricultural Economics, August 1994, Vol. 76, No. 3, pp. 465-77.

Mahua Barari and Harvey Lapan. “Stochastic Trade Policy with Asset Markets: The Role of Tariff Structure,” Journal of International Economics , November 1993: 317-33.

Walt Enders and Harvey Lapan. “A Model of First and Second-Best Social Security Programs,” Journal of Economics (Zeitschrift für Nationalökonomie), Supplement 7, 1993, 65-90.

Harvey Lapan, Giancarlo Moschini and Steve Hanson. “Production Hedging and Speculative Decisions with Options and Future Markets: Reply,” American Journal of Agricultural Economics, 75, August 1993: 748-50.

Bruno Larue and Harvey Lapan. “Market Structure and the World Wheat Market,” Canadian

Journal of Agricultural Economics, July 1992, Vol. 40, No. 2, pp. 311-328.

Harvey Lapan and Todd Sandler. "Terrorism and Signalling," European Journal of Political Economy, Vol. 9, #3, 1993, pp. 383-98.

Il Dong Ko, Harvey Lapan and Todd Sandler. "Controlling Stock Externalities: Flexible Versus Inflexible Pigovian Corrections," European Economic Review, 1992, Vol. 36, pp. 1263-76.

Giancarlo Moschini and Harvey Lapan. "Hedging Price Risk with Options and Futures for the Competitive Firm with Production Flexibility," International Economic Review, August 1992, Vol. 33, No. 3, pp. 607-18.

Harvey Lapan, Giancarlo Moschini and Steve Hanson. "Production Hedging and Speculative Decisions with Options and Future Markets," American Journal of Agricultural Economics, Feb. 1991, Vol. 73, No. 1, pp. 66-74.

Harvey Lapan. "The Optimal Tariff, Time Consistency and Immiserising Growth in a Large Country," Journal of International Economic Integration, Vol. 6(1), Spring 1991, 27-39.

E. Kwan Choi and Harvey Lapan. "Optimal Trade Policies for a Developing Country under Uncertainty," Journal of Development Economics, Vol. 35, No. 2 (April 1991), 243-60.

Todd Sandler, Walt Enders and Harvey Lapan. "The Threat of International Terrorism and What Can Be Done," Challenge, Vol. 34, No. 1, Jan/Feb 1991, pp. 10-26.

Bruno Larue and Harvey Lapan. "Quality Changes and the Volume of Trade: A Geometric Approach," Canadian Journal of Agricultural Economics, Nov. 1990, Vol. 38, No. 3, pp. 405-20.

Harvey E. Lapan and Walt Enders. "Endogenous Fertility, Ricardian Equivalence and Debt Management Policy," Journal of Public Economics, March 1990, Vol. 41, No. 2, pp. 227-48.

Harvey E. Lapan and E. Kwan Choi. "Tariffs versus Quotas Under Uncertainty: Restricting Imports and the Role of Preferences," International Economic Journal, Winter 1988, Vol. 2, #4, 35-55.

Harvey E. Lapan and Douglas M. Brown. "Utility Maximization, Individual Production and Market Equilibrium," Southern Economic Journal, October 1988, Vol. 55, #2, 374-90.

Harvey E. Lapan. "The Optimal Tariff, Production Lags and Time Consistency," American Economic Review, June 1988, Vol. 78, #3, 395-401.

Harvey E. Lapan and Todd Sandler. "To Bargain or Not to Bargain: That is the Question," American Economic Review, Papers and Proceedings, May 1988, Vol. 78, #2, 16-21.

Todd Sandler and Harvey E. Lapan. "The Calculus of Dissent: An Analysis of Terrorists' Choice of Targets," Synthese, June 1988, Vol. 76, pp. 245-61.

- Keith Howe and Harvey Lapan. "Inflation and Asset Life: The Darby vs. the Fisher Effect," Quarterly Journal of Financial Analysis, June 1987, Vol. 22, No. 2, pp. 249-258.
- Walter Enders and Harvey E. Lapan. "On the Relationship between the Exchange Regime and the Portfolio Rules of Optimizing Agents," Journal of International Economics, November 1983, Vol. 15, #3/4, pp. 199-224.
- Harvey E. Lapan and Walter Enders. "Rational Expectations, Endogenous Currency Substitution, and Exchange Rate Determination," Quarterly Journal of Economics, August 1983, Vol. 98, #3, pp. 427-40.
- Walter Enders and Harvey E. Lapan. "Social Security Taxation and Inter-generational Risk Sharing," International Economic Review, October 1982, Vol. 23, #3, pp. 647-58.
- Walter Enders and Harvey Lapan. "The Exchange Regime, Resource Allocation and Uncertainty," Southern Economic Journal, April 1981, pp. 924-40.
- Harvey E. Lapan and Walter Enders. "Random Disturbances and the Choice of Exchange Regimes in an Intergenerational Model," Journal of International Economics, May 1980, pp. 263-83.
- Harvey E. Lapan. "A Comment on Factor-Market Distortions and Dynamic Optimal Intervention: Reply," American Economic Review, September 1979, pp. 718-20.
- Walter Enders and Harvey E. Lapan. "Stability, Random Disturbances and the Exchange Rate Regime," Southern Economic Journal, July 1979, pp. 49-70.
- Douglas M. Brown and Harvey E. Lapan. "The Supply of Physicians' Services," Economic Inquiry, April 1979, pp. 269-79.
- Gordon C. Rausser and Harvey E. Lapan. "Natural Resources, Goods, Bads, and Alternative Institutional Frameworks," Resources and Energy, 2(1979), pp. 293-324.
- Harvey E. Lapan. "International Trade, Factor Market Distortions and the Theory of the Optimal Dynamic Subsidy: Reply," American Economic Review, December 1978, pp. 956-59.
- Walter Enders and Harvey E. Lapan. "Stochastic Disturbances and Exchange Rates," Journal of Economics Vol. IV, 1978, pp. 73-75.
- Harvey E. Lapan and Walter Enders. "Devaluation, Wealth Effects, and Relative Prices," American Economic Review, September 1978, pp. 601-13.
- Harvey E. Lapan and Walter Enders. "Lags and the Assignment Problem," American Economist, Vol. XXII, Fall, 1978, pp. 67-70.
- Harvey E. Lapan. "International Trade, Factor Market Distortions, and the Theory of the Optimal Dynamic Subsidy," American Economic Review, June 1976, pp. 335-46.
- Harvey E. Lapan. "The Possibility of Reversing the Trade Pattern with Internationally

Diffused Localized Technical Progress,” Journal of International Economics, August 1975, pp. 289-98.

Harvey E. Lapan. “Non-Steady-State Economic Growth in a Two Sector World,” Econometrica, May 1975, pp. 469-92.

Douglas Brown, Martin Feldstein and Harvey E. Lapan. “The Rising Price of Physicians’ Services: A Clarification,” Review of Economics and Statistics, August 1974, pp. 396-98.

Harvey E. Lapan and Pranab K. Bardhan. “Localized Technical Progress and Transfer of Technology and Economic Development,” Journal of Economic Theory, December 1973, pp. 585-98; reprinted in International Trade, Growth, and Development, Essays by Pranab Bardhan, Chapter 2, Blackwell Publishing, 2003.

Douglas M. Brown and Harvey E. Lapan. “Further Evidence on the Rising Price of Physicians’ Services: A Comment,” Review of Economics and Statistics, February 1972, pp. 101-05.

#### **BOOK:**

Walt Enders and Harvey Lapan. International Economics: Theory and Policy, Prentice Hall, Englewood Cliffs, N.J., 1987.

#### **CHAPTERS IN BOOK:**

Harvey Lapan and Walter Enders. "Stochastic Disturbances, Traded and Nontraded Goods and the Choice of the Exchange Regime," in M. Connolly, ed., The International Monetary System: Choices for the Future, Praeger Scientific, Praeger Publishers, New York, 1982.

Harvey Lapan. "World Trade and Economic Growth," Chapter 4, Economic Report of the President, January 1989.

GianCarlo Moschini and Harvey Lapan, “Intellectual Property Rights and the Welfare Effects of Agricultural R&D,” in G. Galizzi and L. Venturini, eds., Vertical Relationships and Coordination in the Food System, Physica-Verlag, Heidelberg, 1999.

GianCarlo Moschini, Harvey Lapan and Andrei Sobolevsky, “Trading Technology as Well as Final Products: Roundup Ready Soybean and Welfare Effects in the Soybean Complex,” in W. H. Lessard, ed., Transitions in Agbiotech: Economics of Strategy and Policy, Storrs, CT: Food Marketing Policy Center, 2000.

GianCarlo Moschini and Harvey Lapan, “Labeling Regulations and Segregation of First and Second Generation GM Products: Innovation Incentives and Welfare Effects”, in Richard E. Just, Julian M. Alston and David Zilberman, eds., Regulating Agricultural Biotechnology: Economics and Policy, Springer, 2006. {Presented at conference on “*Economics of Regulation of Agricultural Biotechnologies*,” NC-1003 Annual Meeting, Arlington, Virginia, March 10-12, 2005.



**EDITORIAL RELATIONSHIP:**

Past Associate Editor, *American Journal of Agricultural Economics*  
 Past Associate Editor, *Review of International Economics*

**ADMINISTRATIVE POSITION:**

Director of Graduate Studies, Department of Economics, August 1995-July 1998

**SERVICE ON UNIVERSITY and COLLEGE COMMITTEES:**

Faculty Development Committee  
 Graduate Membership Committee  
 Directors of Graduate Education

LAS Committee on Committees, August 1, 1998-July 31, 2001  
 Iowa State University Investment Committee: July 1, 1998 -  
 University Benefits Committee: September 1, 1998 -

**SELECTED SERVICE ON DEPARTMENTAL COMMITTEES**

Promotion and Tenure Committee  
 Faculty Recruiting Committee  
 Graduate Advisory Committee  
 Graduate Admissions Committee  
 Micro Qualifying Exam Committee

**GRANTS and CONTRACTS:**

USDA NIFA Award #2014-67023-21804, "A Framework for Evaluation National Biofuel Policies: International Spillovers and the Potential for Coordinated Policy Choices," 2/15/2014-2/14/2016, \$280,936.00 (with GianCarlo Moschini)

USDA Cooperative Grant, Award #95905, "A Model for the Welfare Analysis of United States Ethanol Policies," 8/7/08-1/15/10, \$60,406 (with GianCarlo Moschini)

USDA NRI Proposal #2003-03040, "The economics of higher-generation GM crops: market failures and policy options," 1/1/04-12/31/05, \$118, 496 (with GianCarlo Moschini).

USDA NRI Proposal #2001-01017, "GMOs as (Possibly Inferior) Differentiated Product Innovations: Economic and Public Policy," 10/1/01-5/31/03, \$120,000 (with GianCarlo Moschini).

USDA NRI Proposal #9801668, "Biotechnology, Innovations and Market Structure: Effects on Trade & Welfare with an Application to Soybeans," 10/1/98-9/30/00 \$57,000 (with GianCarlo Moschini)

USDA, "Agricultural Innovations, Competitiveness and Strategic Research and Trade Policies," (NRI), 10/1/94-9/30/96, \$118,362 (with GianCarlo Moschini)

NSF, "Stochastic Disturbances and the Exchange Rate Regime in a Consumption-Loan Model," 6/1/79-5/31/80, \$53,752 (with Walt Enders)