

HONORS

National Academy of Sciences

I am the current holder (along with Todd Sandler) of the National Academy of Sciences' Estes Award for Behavioral Research Relevant to the Prevention of Nuclear War. The award recognizes "... basic research in any field of cognitive or behavioral science that has employed rigorous formal or empirical methods, optimally a combination of these, to advance our understanding of problems or issues relating to the risk of nuclear war." Todd Sandler and I were presented the award for our "... joint work on transnational terrorism using game theory and time series analysis to document the cyclic and shifting nature of terrorist attacks in response to defensive counteractions."

Blackmon – Moody Outstanding Professor Award

I was awarded the Frederick Moody Blackmon – Sarah McCorkle Moody Award on October 17, 2004. The award is for a faculty member whose "singular, exceptional, or timely work, whether in the form of research, a product, a program, or published material, reflects credit on the faculty member, the field of study, students and The University of Alabama."

University Professor

I was promoted to the rank of University Professor at Iowa State University in August 1996. As stated in the Iowa State University *Faculty Handbook* (p.34), a University Professorship is awarded to faculty members who have had a significant impact on their department and the university in the course of their career at Iowa State University. In addition to outstanding performance in teaching, research, and/or service, the individual must have acted as a "change agent to improve the quality of the university."

Other Awards

Board of Governors of the Federal Reserve System Intern
Columbia University President's Fellowship

Other

I served as an economic advisor to the Ministry of Agriculture in Ukraine for a two week period during September, 1994.

I presented a workshop at the "Conference on Teaching Econometrics in the Undergraduate Curriculum" held on the campus of Miami University (October, 1996).

SELECTED GRADUATE COURSES TAUGHT:

International Finance, Macroeconometrics, Advanced Macroeconomics(Core Course), Monetary Economics, Microeconomic Analysis II (Core Course), International Trade

ARTICLES

"Inflation, Wealth, and the Real Rate of Interest." *Southern Economic Journal*, April 1976. pp. 716-19.

- "Portfolio Balance and Exchange Rate Stability." *Journal of Money, Credit, and Banking*, May 1977. pp. 491-99.
- "Devaluation, Wealth Effects, and Relative Prices." *American Economic Review*, September 1978. pp. 601-23 (with Harvey Lapan).
- "Lags and the Assignment Problem." *American Economist*, Fall 1978. pp. 67-70 (with Harvey Lapan).
- "Stability, Random Disturbances, and the Exchange Rate Regime." *Southern Economic Journal*, July 1979. pp. 49-70 (with Harvey Lapan).
- "Random Disturbances and the Choice of Exchange Regimes in an Intergenerational Model." *Journal of International Economics*, May 1980. pp. 263-83 (with Harvey Lapan).
- "The Exchange Rate, Resource Allocation, and Uncertainty." *Southern Economic Journal*, April 1981. pp. 924-40 (with Harvey Lapan).
- "Social Security Taxation and Intergenerational Risk Sharing." *International Economic Review*, October 1982. pp. 647-58 (with Harvey Lapan).
- "Stochastic Disturbances, Traded and Non-Traded Goods, and the Choice of the Exchange regime." In Michael Connolly, ed., *The International Monetary System: Choices for the Futures*, (Praeger, New York) 1982. pp. 85-118 (with Harvey Lapan).
- "Rational Expectations, Endogenous Currency Substitution, and Exchange Rate Determination." *Quarterly Journal of Economics*, October 1983. pp. 427-39 (with Harvey Lapan).
- "On the Relationship Between the Exchange Regime and the Portfolio Rules of Optimizing Agents." *Journal of International Economics*, November 1983. pp. 199-224 (with Harvey Lapan).
- "A Microeconomic Test of Money Neutrality." *Review of Economics and Statistics*, November 1984. pp. 666-69 (with Barry Falk).
- "Exchange Rates and the International Monetary System." *The Farm and Food System in Transition: Emerging Policy Issues*, No. 39, Michigan State University Cooperative Extension Service, 1985.
- "ARIMA and Cointegration Tests of PPP under Fixed and Flexible Exchange Rate Regimes." *Review of Economics and Statistics*, November 1988. pp. 504-08.
- "Money Neutrality at Aggregate and Sectoral Levels." *Southern Economic Journal*, January 1989. pp. 771-78 (with J. Gauger).

- "Unit Roots and the Real Exchange Rate Before World War I." *Journal of International Money and Finance*, March 1989. pp. 59-73.
- "U.N. Conventions, Technology and Retaliation in the Fight Against Terrorism: An Econometric Analysis." *Journal of Terrorism and Political Violence*, March 1990. pp. 84-105 (with Todd Sandler and Jon Cauley).
- "Current Account and Government Budget Deficits: Twins or Distant Cousins?" *Review of Economics and Statistics*, August 1990. pp. 373-81 (with Bong-Soo Lee).
- "Endogenous Fertility, Ricardian Equivalence and Debt Management Policy." *Journal of Public Economics*, October 1990. pp. 227-48 (with Harvey Lapan).
- "Assessing the Impact of Terrorist-Thwarting Policies: An Intervention Time Series Approach." *Defense Economics* 2, December 1990. pp. 1-18. (with Todd Sandler and Jon Cauley)
- "Real and Monetary Causes of Real Exchange Rate Movements in the Pacific Rim." *Southern Economic Journal* 57, April 1991. pp. 1061-1070 (with Jin-Ock Kim).
- "Causality Between Transnational Terrorism and Tourism: The Case of Spain." *Terrorism* 14, January 1991. pp. 49-58. (with Todd Sandler and Jon Cauley).
- "Economic Analysis Can Help Fight International Terrorism." *Challenge* 34, Jan/Feb. 1991. pp. 10-27 (with Todd Sandler and Harvey Lapan). Reprinted in B. Schechterman and M. Slann, eds., *Violence and Terrorism*, 3rd ed. (Dushkin: Conn.).
- "Intertemporal Trade Between Host and Developing Nations: A Model of Host-Donor Tensions." *Journal of International Economic Integration*, August 1991 (with Raj Roy).
- "A Time-Series Analysis of Transnational Terrorism: Trends and Cycles." *Defence Economics* 3, 1992. pp. 305-320 (with Gerald F. Parise and Todd Sandler).
- "An Econometric Analysis of the Impact of Terrorism on Tourism." *Kyklos* 45, 1992. pp. 531-554 (with Todd Sandler and Gerald F. Parise).
- "A Model of Second-Best Social Security Programs." In Bernard Felderer, ed., *Public Pension Economics (Zeitschrift fur Nationalokonomie, Supplementum 7)* 1993. pp. 65 - 90 (with Harvey Lapan).
- "A VAR-Intervention Analysis of Anti-Terrorism Policies." *American Political Science Review* 87, December 1993. pp. 829-44 (with Todd Sandler).
- "Generalized Purchasing Power Parity: Theory and Tests for the Pacific Rim." *Review of*

- International Economics* 2, June 1994. pp. 179-90 (with Stan Hurn).
- "Multiple Cointegrating Vectors and Structural Economic Models: An Application to the French Franc/US Dollar Exchange Rate." *Southern Economic Journal*, April 1995. pp. 1098-116. (with S. Dibooglu).
- "Terrorism and Foreign Direct Investment: The Case of Spain and Greece." *Kyklos*. Fasc. 3, 1996. pp. 331-52 (with Todd Sandler).
- "Terrorism: Theory and Applications." In T. Sandler and Keith Hartley, eds. *Handbook of Defense Economics*, (North Holland: Amsterdam) 1996. (with Todd Sandler). Reprinted in K. Hartley and T. Sandler, eds. *The Economics of Defence*, Vol III. (Cheltenham, UK: Edward Elgar, 2001). pp. 567-582.
- "Accounting for Real and Nominal Exchange Rate Movements in the Post-Bretton Woods Period." *Journal of International Money and Finance* 2, 1997. pp. 233-54 (with Bong-Soo Lee).
- "Generalized Purchasing Power Parity Among the G-7 Nations." *Journal of Mathematics and Computers in Simulation* 43, 1997. pp. 437 - 43 (with Stan Hurn).
- "Unit-Root Tests and Asymmetric Adjustment with an Example Using the Term Structure of Interest Rates." *Journal of Business and Economic Statistics* 16, July, 1998. pp. 304-11. (with C.W.J. Granger). Reprinted in Paul Newbold and Stephen Leybourne, eds. *Recent Developments in Time Series*. (Camberley, UK: Edward Elgar).
- "Threshold-Autoregressive, Median-Unbiased, and Cointegration Tests of Purchasing Power Parity." *International Journal of Forecasting* 14, 1998. pp. 171-86 (with Barry Falk).
- "Transnational Terrorism in the Post-Cold War Era." *International Studies Quarterly* 43, 1999. pp. 145-76. (with Todd Sandler).
- "Is Transnational Terrorism Becoming More Threatening: A Time-Series Investigation." *Journal of Conflict Resolution* 44, 2000. pp. 307 – 32. (with Todd Sandler).
- "Estimating Non-Linear ARMA Models Using Fourier Coefficients." *International Journal of Forecasting* 16, 2000. pp. 333 – 47. (with Jorge Ludlow).
- "Improved Critical Values for the Enders-Granger Test." *Applied Economic Letters* 8, 2001. pp. 257 – 61.
- "Cointegration and Threshold Adjustment." *Journal of Business and Economic Statistics* 19, 2001. pp. 166 – 76. (with Pierre Siklos).

- “Long-Run Purchasing Power Parity with Asymmetric Adjustment.” *Southern Economic Journal* 68, 2001. 433 - 45. (with S. Dibooglu).
- "Do Real Wages Respond Asymmetrically to Unemployment Shocks? Evidence from the U.S. and Canada." *Journal of Macroeconomics* 23, 2001. pp. 495 - 516. (with S. Dibooglu).
- "Asymmetric Price Adjustment and the Phillips Curve." *Journal of Macroeconomics* 24, 2002. pp. 395 – 412. (with Stan Hurn).
- “Patterns of Transnational Terrorism, 1970 – 1999: Alternative Time-Series Estimates.” *International Studies Quarterly* 46, 2002. pp. 145 – 65. (with Todd Sandler).
- “Out-of-Sample Forecasts and Nonlinear Model Selection With an Example of the Term-Structure of Interest Rates.” *Southern Economic Journal* 69, 2003. pp. 520 – 540. (with Yamei Liu).
- “The Effect of Robust Growth on Poverty: A Nonlinear Analysis.” *Applied Economics* 35, 2003. pp. 1 – 9. (with Gary Hoover).
- “The Term Structure of Japanese Interest Rates: The Equilibrium Spread with Asymmetric Dynamics.” *Journal of the Japanese and International Economics* 18, 2004. pp. 84 – 98. (with Shew-Huei Kuo).
- “Threshold Cointegration and Purchasing Power Parity in the Pacific Rim Nations.” *Applied Economics* 36. 2004. pp. 889 – 896. (with Kamol Chumrusphonlert).
- “What Do We Know About the Substitution Effect in Transnational Terrorism?” in Andrew Silke and G. Ilardi, eds. *Researching Terrorism: Trends, Achievements, Failures*. (Frank Cass: London). 2004. pp. 119 – 137. (with Todd Sandler).
- “D-TAR versus C-TAR Models? Modeling the Dynamics of Inflation.” In Stan Hurn and Ralf Becker, eds. *Advances in Economics and Econometrics* (Edward Elgar: Northampton, MA). 2004. pp. 205 – 225. (with Pierre Siklos).
- “An Economic Perspective on Transnational Terrorism.” *European Journal of Political Economy* 20, 2004. pp. 301 – 316. (with Todd Sandler). Reprinted in T. Bruck., ed. *The Economic Analysis of Terrorism* (Routledge: London).
- “Who’s Line Is It?: A Survey of Plagiarism in the Economics Profession.” *Journal of Economic Literature* 42, 2004. 487 – 493. (with Gary Hoover).
- “A General Test for Time Dependence in Parameters.” *Journal of Applied Econometrics* 19, 2004. 899 – 906. (with Ralf Becker and Stan Hurn).

- “Transnational Terrorism 1968 – 2000: Thresholds, Persistence and Forecasts.” *Southern Economic Journal* 71, 2005. 467 – 483. (with Todd Sandler)
- “Transnational Terrorism: An Economic Analysis.” in H. Richardson, P. Gordon, and J. Moore. eds. *The Economic Impact of Terrorist Attacks* (Edward Elgar: Aldershot, U.K.). 2005, 11 – 34. (with Todd Sandler).
- “After 9/11: Is It all Different Now.” *Journal of Conflict Resolution* 49, 2005. 259 – 77. (with Todd Sandler). A modified version of this paper has been published as: “9/11 and Its Aftermath.” *International Studies Review*. 2005.
- “Using the Aggregate Demand-Aggregate Supply Model to Identify Structural Demand-Side and Supply-Side Shocks: Results Using a Bivariate VAR.” *Journal of Money, Credit and Banking*. 2006, 777 – 90. (with James Cover and C. James Hueng).
- “Distribution of Transnational Terrorism among Countries by Income Classes and Geography after 9/11.” *International Studies Quarterly*, 50. 2006, 367–393. (with Todd Sandler)
- “Plagiarism in the Economics Profession: A Survey.” *Challenge*, 49. 2006, 92 – 107. (with Gary Hoover).
- “A Stationary Test with Unattended Nonlinearity.” *Journal of Time Series Analysis*. 2006, 381 – 409. (with Junsoo Lee and Ralf Becker).
- “Modeling Inflation and Money Demand Using a Fourier Series Approximation.” in C. Milas, P. Rothman, and D. van Dijk, eds., *Nonlinear Time Series Analysis of Business Cycles*. (Elvesier: Amsterdam). 2006. 221 – 44. (with Stan Hurn and Ralf Becker).
- “The Impact of Transnational Terrorism on U.S. Foreign Direct Investment.” *Political Research Quarterly*, 59. 2006, 517 – 32. (with Aldolfo Sachsida and Todd Sandler).
- “Terrorism: An Empirical Analysis.” in K. Hartley and T. Sandler, eds., *Handbook of Defense Economics*. (Elvesier: Amsterdam). 2007. 815 – 66.
- “Rational Terrorists and Optimal Network Structure.” *Journal of Conflict Resolution*, 51. 2007, 33 – 57. (with Xuejuan Su).
- “Applying Scientific Methods to Study Terrorism” *International Studies Perspectives*, 8. 2007, 287 – 302. (with Todd Sandler)
- “Identifying Aggregate Demand and Supply Shocks in a Small Open Economy.” *Oxford Economic Papers*. Forthcoming (with Stan Hurn).

“A Threshold Model of Real U.S. GDP and the Problem of Constructing Confidence Intervals in TAR Models.” *Studies in Nonlinear Dynamics and Econometrics*. Forthcoming. (with Barry Falk and Pierre Siklos).

“Forecasting Persistent Data with Possible Structural Breaks: Old School and New School Lessons Using OECD Unemployment Data.” in David Rapach and Mark Wohar, eds. *Forecasting in the Presence of Structural Breaks and Model Uncertainty*. (Elvesier: Amsterdam). Forthcoming. (with Ruxandra Prodan).

“In-Sample and Out-of-Sample Properties of Linear and Nonlinear Taylor Rules.” *Journal of Macroeconomics*. Forthcoming (with Ting Qin).

“Assessing the Importance of Global Shocks versus Country-Specific Shocks.” *Journal of International Money and Finance*. (with Kaouthar Souki). Forthcoming.

BOOKS

Enders, Walter and Harvey E. Lapan. *International Economics: Theory and Policy*. (Prentice-Hall: New York) 1987.

Enders, Walter and Harvey E. Lapan. *Instructor's Manual to Accompany International Economics: Theory and Policy*. (Prentice-Hall: New York) 1987.

Enders, Walter. *Applied Econometric Time-Series*. (John Wiley and Sons: New York) 1995. Second edition: 2004.

Enders, Walter and Pin Chung. *Instructor's Manual to Accompany Applied Econometric Time-Series*. (John Wiley and Sons: New York), 1995. Second edition by Pin Chung, Walter Enders, Ling Shao and Jingan Yuan, 2004.

Enders, Walter. *RATS Handbook for Applied Econometrics*. (John Wiley and Sons: New York) 1996. (Translated into Japanese, 2002).

Enders, Walter. *RATS Programming Manual*. (Distributed by ESTIMA: Evanston, IL). www.estima.com. 2003.

Enders, Walter and Todd Sandler. *The Political Economy of Terrorism*. (Cambridge University Press: Cambridge). 2006.

OTHER SELECTED PUBLICATIONS

"Balance of Payments Sterilization." *Journal of Economics*, Vol. III, 1977. pp. 107-11.

"Stochastic Disturbances and Exchange Rates." *Journal of Economics*, Vol. IV, 1978. pp. 73-76
(with Harvey Lapan).

"Review of Michael Beenstock: The Foreign Exchanges: Theory, Modeling, and Policy." *Journal of Economics*, Vol. V., 1979.

"Review of Jagdeep S. Bhandari: Exchange Rate Determination and Adjustment." *Southern Economic Journal*, January 1983. pp. 1190-91.

"A General Equilibrium Model of Agricultural Trade: An Intertemporal Optimizing Approach with Implications for Tariffication." *GATT Research Paper Series*. Center for Agricultural and Rural Development; Iowa State University. Dec. 1991.

"Review of Gunther Lang: An Overlapping Generations Model with Productive Capital." *Zeitschrift fur Nationalokonomie*. Dec. 1997. pp. 209-11.

GRANTS

Co-principal investigator (with Todd Sandler) on a National Science Foundation grant entitled "The Economics of Terrorist Negotiations." The grant was funded for \$97,711.

Co-principal investigator (with Harvey Lapan) on a National Science Foundation grant entitled "Stochastic Disturbances and the Exchange Rate Regime in a Consumption-Loan Model." The grant was funded for \$53,752.

EDITORIAL RESPONSIBILITIES

Editorial Board of the *Journal of International Economic Integration*

Editorial Council of the *Review of International Economics*

Editorial Board of the *Journal of International Finance*

Selected Referee Activities:

American Economic Review, Defense Economics, *Economica*, European Economic Review, Journal of Business, Journal of Energy Economics, Journal of Environmental Economics and Management, Journal of International Money and Finance, Journal of Macroeconomics, Journal of Money, Credit and Banking, Review of Economics and Statistics, Review of International Economics, Southern Economic Journal

Invited International Presentations

Queensland University of Technology.

Plenary Speaker at the Coloquio Mexicano de Economía Matemática y Econometría (Mexico City, Mexico). October 2002.

Invited speaker at the Lisbon Conference on Defense Economics (Lisbon, Portugal). June 2002. Central Bank of Brazil. May 2002. I presented a seminar on a Threshold Phillips Curve.

Catholic University of Brasilia. May 2002. I presented two weeks of lectures.
University of Technology Sydney (Sydney, Australia). May-June, 2001. I spent a month as a
Visiting Professor at UTS.
Invited speaker at the Conference on Structural Change, Economic Growth and Redistribution
(Brasilia, Brazil). 2001.
University of Technology Sydney (Sydney, Australia). May, 2000.
Visiting Professor at Queensland University of Technology (Brisbane, Australia), February - May
2000. I presented four seminars on non-linear time-series models.
I presented a week of seminars at the Autonomous Metropolitan University (Mexico City,
Mexico) in October 1997.
International Congress on Modeling and Simulation (Newcastle, Australia), 1995
University of Valladolid (Valladolid, Spain) 1994
Public Pension Policy Conference (Vienna, Austria) 1992
International Economics Institute (Geneva, Switzerland) 1991
Strathclyde University (Glasgow, Scotland) 1991
University of Aberdeen 1991
University of Dundee 1990
University of St. Andrews 1990