

Richard E. Ericson

Curriculum Vitae

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CURRENT POSITION

Professor, Department of Economics, Thomas Harriot College of Arts and Sciences, East Carolina University, July 2003 — present.

Member, Scientific Grant Competition Review Panel, Russian Federation Ministry of Education and Science, September 2010 — present.

Member, Academic Committee and Jury for the Russian National Award in Applied Economics (RNAAE), State University Higher School of Economics, Moscow, Russian Federation, October 2009 — present.

Member, Board of Trustees and Executive Committee, EERC, Inc., July 2005 — present.

PREVIOUS EXPERIENCE

Chair, Department of Economics, Thomas Harriot College of Arts and Sciences, East Carolina University, July 2003 — July 2015.

Chairman, International Advisory Board, EERC Network Program (to 12/2006: EERC-Russia), July 2000 — December 2016.

Member, International Advisory Board, EERC Network Program (to 12/2006: EERC-Russia), December 1996 — December 2016.

Member, ECU Coastal-Maritime Council (since Fall 2007, ICSP Coastal-Maritime Council), East Carolina University, Fall 2005 — July 2015.

Group Leader, Scientific Grant Competition Review Panel, Russian Federation Ministry of Education and Science, September 2011 — 2014.

Member, Pitt County Development Commission, November 2007 — December 2014.

Member, PCDC Existing Industry Advisory Board, January 2008 — December 2014.

Member, Coastal Resources Management Ph.D. Program Advisory Committee, East Carolina University, Fall 2007 — December 2014.

Chairman, Sheppard Memorial Library (Greenville, NC) Board Of Trustees, July 2008 — July 2010.

Member, Sheppard Memorial Library (Greenville, NC) Board Of Trustees, March 2006 — March 2012.

Professor, Department of Economics, Columbia University, July 1985 — June 2003.

President-Elect, President, and Past President, Association for Comparative Economic Studies, 2001-3.

Visiting Professor, Kazakh National University, Almaty, Kazakhstan, March 2002.

Director of Research, Council of Foreign Relations Russian Economic Task Force, June 1999 — August 2000.

Visiting Professor, Urals State University, Ekaterinburg, Russia, April 1999 and March 2000.

Visiting Scholar, Stockholm Institute of Transition Economics, Stockholm Higher School of Economics, March 1999.

Research Fellow, William Davidson Institute, University of Michigan, 1997 — 2007.

Visiting Professor, William Davidson Institute, University of Michigan, January 1998.

Visiting Professor, New Economic School, Moscow, May — July 1996.

Director, The Harriman Institute, Columbia University, July 1992 — June 1995.

Associate Director, W. Averell Harriman Institute for the Advanced Study of the Soviet Union, January 1991 — January 1992.

Fulbright-Hays **Research Fellow**, Central Economic-Mathematical Institute of the USSR Academy of Sciences, January 1987 — July 1987.

Associate Professor, Department of Economics, Northwestern University, July 1983 — June 1985.

Visiting **Associate Professor**, Department of Economics, Yale University, January 1983 — May 1983.

Visiting **Assistant Professor**, Department of Economics, Northwestern University, January 1981 — June 1981.

Assistant Professor, Department of Economics, Harvard University, January 1979 — June 1983.

Instructor, Department of Economics, Harvard University, July 1978 — December 1978.

Fulbright-Hays **Research Fellow**, Moscow University and CEMI, USSR Academy of Sciences, August 1977 — June 1978.

EDUCATION

BSFS, International Affairs, Georgetown University SFS, 1971.

MIA, Russian Area Studies, Columbia University SIA, 1974.

Ph.D., Economics, University of California, Berkeley, 1979.

FELLOWSHIPS, SCHOLARSHIPS, GRANTS, HONORS

Georgetown University Grant, 1967 — 1971.

Phi Beta Kappa, 1970.

Alice B. Stetten International Fellow, Columbia University, 1971 — 1973.

William Henry Probert and Flood Fellowships, UC Berkeley, 1975 — 1975.

Fulbright-Hays Grant for Research Abroad, 1977 — 1978.

NSF Grant #SES80-14296, 1980 — 1983.

NSF Grant #SES84-09893, 1984 — 1987.

NSF Grant #SES85-20261, 1986 — 1987.

Fulbright-Hays Grant for Research Abroad, 1987.

NSF Grant #SES88-21722, 1989 — 1991.

William Davidson Institute Research Fellowship, 1997-8.

NSF_2017CNH, Proposal resubmitted January 2018, “An Integrative analysis of perceptions, policy, and land use impact on coastal agricultural watershed resilience,” as co-investigator (A. Peralta, PI, with 4 other co-PIs), for \$1,599,467. Funding Pending.

LANGUAGES

Russian — fluent; German — reading.

REFERENCES

Available on request.

PUBLICATIONS

“On the Stability of Production Inventories in a Model with Random Perturbation of Supply,” in V.I. Arkin, ed., **Probabilistic Models and the Control of Economic Processes**, (Moscow, USSR: CEMI, 1978). [in Russian].

“Inventory Stability and Resource Allocation under Uncertainty in a Command Economy,” **Econometrica**, V. 50, #2, March 1982, pp. 345-376.

“Predatory Capacity Expansion in a Deregulated Motor Carrier Industry,” with Clifford Winston, in T. Keeler, ed., **Research in Transportation Economics**, (Greenwich, CT: JAI Publishing Co., 1983), pp. 1985-235.

“On an Allocative Role of the Soviet Second Economy,” in P. Desai, ed., **Marxism, Central Planning, and the Soviet Economy**, (Cambridge, MA: MIT Press, 1983), pp. 110-132.

“A Difficulty with the Command Allocation Mechanism,” **Journal of Economic Theory**, V. 30, #1, October 1983, pp. 1-26.

“The ‘Second Economy’ and Resource Allocation under Central Planning,” **Journal of Comparative Economics**, V. 8, #1, March 1984, pp. 1-24.

“Inventory Stability and Resource Allocation under Uncertainty: The Case of a Production Sector in a Centrally Planned Economy,” in A. Chikan, ed., **Proceedings of the Second International Symposium on Inventories**, (Budapest, Hungary: Akademiai Kiado, 1984).

“Comments on SOVSIM,” in Gregory G. Hildebrandt, ed., **Rand Conference on Models of the Soviet Economy**, October 11-12, 1984, (Santa Monica, CA: Rand, 1985).

“The Soviet Economic Predicament,” Chapter 6 in Charles Wolf, Henry S. Rowan, **The Future of the Soviet Empire**, (San Francisco, CA: Institute of Contemporary Studies, 1987).

“A Stochastic Model of Optimal Investment in New Technology and Competition,” with Erik Presman, in V.I. Arkin and P.K. Katyshev, eds., **Mathematical Modeling of Control Processes under Uncertainty**, (Moscow, USSR: CEMI, 1988). [in Russian].

“The New Enterprise Law,” **The Harriman Forum**, V. 1, #2, February 1988.

“Soviet Numbers Game Threatens Perestroika,” **Bulletin of the Atomic Scientists**, V. 44, #10, December 1988, pp. 20-25.

“Priority, Duality, and Penetration in the Soviet Command Economy,” **RAND NOTE N-2643-NA**, Santa Monica, CA, December 1988.

“Soviet Economic Reforms: The Motivation and Content of Perestroika,” **Journal of International Affairs**, V. 42, #2, Spring 1989, pp. 317-31.

“Preface” to **The Breaking Point: Revitalizing the Soviet Economy**, by Nikolai Shmelev and Vladimir Popov, (New York, NY: Doubleday, 1989), pp. ix-xiv.

“The Soviet Statistical Debate: Khanin vs. TsSU,” Chapter 2 in H.S. Rowen and C. Wolf, eds., **The Impoverished Superpower: Perestroika and the Soviet Military Burden**, (San Francisco, CA: ICS Press, 1990).

“What is to be Done?” **The New Republic**, V. 202, #10, March 5, 1990, pp. 34-8.

“The Soviet Economic Predicament: An Update,” ICEG Country Study, **The Soviet Union: 1975-1990**, (San Francisco, CA: ICS Press, 1990).

“New Enterprise Law Promises New Enterprise Autonomy,” **Soviet and East European Law**, V. 1, #6, August 1990, pp. 1,11.

“The Mirage of Soviet Economic Reform,” in Harriman Institute/IECE Special Report, **Economic Change**, April 1991.

“U.S.S.R. Law on Entrepreneurial Activity,” **Soviet and East European Law**, V. 2, #4, June 1991, pp. 5,10.

“The Classical Soviet-Type Economy: Nature of the System and Implications for Reform,” **Journal of Economic Perspectives**, V. 5, #4, Fall 1991, pp. 1-18.

“Soviet Economic Structure and the National Question,” in A. Motyl, ed., **The Post Soviet Nations: Perspectives on the Demise of the USSR**, (New York, NY: Columbia University Press, 1992).

“Economics,” Chapter 2 in R. Legvold, T. Colton, eds., **After the Soviet Union: From Empire to Nations** (NY: Norton, 1992).

“The Post-Soviet Economic Situation and its Implications for Foreign Policy,” Chapter 1 in Richard E. Ericson,

In-sung Lee, eds., **Economic Reform and Political Change in Russia: Implications for Korean and Russian Relations** (Seoul, Korea: Hanguel Publishing, 1992), pp. 23-75.

“Self Evident Truths: The Challenge of Marketization,” **The Harriman Institute Forum**, V. 7, #1 and #2, September-October 1993, pp. 3-6.

“The Economy,” Chapter 2 in Gail Lapidus, ed., **The New Russia** (Boulder, CO: Westview Press, 1994).

“Cost Tradeoffs in Activity Shutdowns,” Chapter 9 in R. Campbell, ed., **The Postcommunist Economic Transformation** (Boulder, CO: Westview Press, 1994), Chapter 9, pp. 195-217.

“The Concept and Objectives of Privatization,” in H. Smit and V. Pechota, eds., **Privatization in Eastern Europe: Legal, Economic and Social Aspects** (Irvington-on-Hudson, NY: Transnational Juris Publications, Inc., 1994).

“Markov Perfect Industry Dynamics: A Framework for Empirical Work,” with Ariel Pakes, **Review of Economic Studies**, V. 62, #1, January 1995, pp. 53-82.

“Russian Economic Reform: The Next Steps,” in **Russia Business Watch**, V.3, #2, Spring/ Summer 1995, pp. 33-7.

“On Problems of Economic Transition in the Black Sea Region,” **Bogaziçi Journal: Review of Social, Economic and Administrative Studies**, V. 9, #1, 1995, pp. 23-31.

“The Future of Market Transformation and the Yeltsin Succession,” **Problems of Post-Communism**, V. 44, #6, 1997, pp. 23-8.

“Investment and Industrial Restructuring in Transition Economies,” in UN DDSMS Workshop Report, **Structural Investment Policy for Transition to a Market Economy** (New York, United Nations Publications, 1997), pp. 9-40.

“Empirical Implications of Alternative Models of Firm Dynamics,” with Ariel Pakes, **Journal of Economic Theory**, V. 78, #1, 1998, pp. 1-45.

“Six Years after the Collapse of the USSR: The Russian Economy,” **Post-Soviet Affairs**, V. 14, #1, 1998, pp. 1-6.

“Restructuring in Transition: Conception and Measurement,” **Comparative Economic Studies**, V. 40, #2, Summer 1998, pp. 103-8.

“Economics and the Russian Transition,” **Slavic Review**, V. 57, #3, 1998, pp. 609-25.

“The Revenge of the ‘Virtual Economy’,” **The Harriman Review**, Special Issue, December 1998, pp. 3-6.

“A Comment on An Accounting Model of Russia’s Virtual Economy,” **Post-Soviet Geography and Economics**, V. 40, #2, 1999, pp. 103-9.

“The Structural Barrier to Transition Hidden in Input-Output Tables of Centrally Planned Economies,” **Economic Systems**, V.23, #3, September 1999, pp. 199-224.

“The post-Soviet economic system in Russia: industrial feudalism? [A posztszovjet gazdasági rendszer Oroszországban: ipari feudalizmus?]” **Közgazdasági Szemle**, V. 47, #1, January 2000, pp. 23-40.

“How Real is Russia’s Economic Recovery,” **The Harriman Economic and Business Review**, V. 1, #1, January 2000, pp. 26-32.

“Restructuring an Industry during Transition: A Two-Period Model,” Chapter 10 in E. Maskin, A. Simonovits, eds., **Planning, Shortage, and Transformation: Essays in Honor of Janos Kornai** (Cambridge, MA: MIT Press, 2000), pp. 157-88.

“The Post-Soviet Russian Economic System: An Industrial Feudalism?” Chapter 6 in Tuomas Komulainen and Iikka Korhonen, eds., **Russian Crisis and its Effects** (Helsinki: Kikumora Publications, 2000), pp. 133-66.

“Is Russia in a ‘Transition’ to a Market Economy?” in the Symposium “Russia at the End of Yel’tsin’s Presidency,” **Post-Soviet Affairs**, V. 16, #1, January 2000, pp. 18-25. Reprinted in Chapter 17 of A. Brown, ed., **Contemporary Russian Politics: A Reader** (Oxford, UK: Oxford University Press, 2001), pp. 252-79.

“The Russian Economy: A Turning Point?” in M. Mandelbaum, **U.S.–Russia Relations** (Washington, DC: Aspen Institute, August 2000), pp.13-20.

“A Model of Russia’s ‘Virtual Economy’,” with Barry Ickes, **Review of Economic Design**, V. 6, #2, 2001, pp. 185-214. Reprinted in Tatsuro Ichiishi, Thomas Marschak, eds., **Markets, Games and Organizations: Essays in Honor of Roy Radner** (Berlin: Springer, 2003), pp. 59-88.

“Does Russia have a Market Economy?” **East European Politics and Societies**, V. 15, #2, Summer 2001, pp. 289-316.

“Thinking about Aslund’s ‘Think Again’,” **Foreign Policy**, November/December 2001, pp. 14-16.

“The Russian Economy: Market in Form but “Feudal” in Content?” Chapter 1 in Michael Cuddy and Ruvin Gekker, eds., **Institutional Change in Transition Economies** (London, UK: Ashgate, 2002), pp. 3-34.

“Regional Retreat: The Reaction of Russian Institutions to Liberalizing Reform,” Chapter 8 in Jörn Sideras and Kartik Roy, eds., **Institutions, Globalisation and Empowerment** (Cheltham, UK: Edward Elgar Publishing, 2006), pp. 175-198.

“Command vs. Shadow: The Conflicted Soul of the Soviet Economy;” **Comparative Economic Systems**, V. 48, #1, March 2006, pp. 1-17.

“The Russian Economy,” in Wolfgang Danspeckgrüber, ed., **Perspectives on the Russian State in Transition** (Princeton, NJ: Princeton University Press, 2006), pp. 112-162.

“Memoriam: Herbert Levine,” with M. Marrese, J Vanous, **Comparative Economic Studies**, V. 49, #4, December 2007, pp. 491-492.

“Command Economy,” in Lawrence E. Blume, Steven N. Durlauf, eds., **The New Palgrave Dictionary of Economics**, Vol 3, Second Edition (London, UK: Palgrave Macmillan, 2008), May 2008, pp. 1-54.

“Eurasian Natural Gas Pipelines: The Political Economy of Network Interdependence,” **Eurasian Geography and Economics**, V. 50, #1, 2009, pp.28-57.

“The Russian Economy in 2008: Testing the ‘Market Economy’,” **Post-Soviet Affairs**, V. 25, #3, 2009, pp. 185–207.

“The Welfare Economics of ‘Bounce Protection’ Programs,” with Marc Fusaro, **Journal of Consumer Policy**, V. 33, #1, 2010, pp. 55-73. On line, 28 November 2009 at:
<<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s10603-009-9117-6>>.

“A Challenge Question: Understanding, Analysis, and Management of Catastrophic Risks,” with T. Crawford, J.C. Johnson, and C. Riley-Tillman, **NSF/SBE 2020** (Washington, DC: 2011). Available at:
<http://www.nsf.gov/sbe/sbe_2020/all.cfm>.

“Welfare Effect of Productivity Shocks and Policy Implications in a Small Open Economy,” with Xuan Liu, **Perspectives on Global Development and Technology**, V. 11, #2, 2012, pp. 290-319.

“Welfare Effect of Interest Rate Shocks and Policy Implications,” with Xuan Liu, **Applied Financial Economics**, Vol. 22 (22), October 2012, pp. 1899-1917.

“Development Progress in Russia,” **Law and Business Review of the Americas**, V. 18 (4), Spring 2013, pp. Presented in the SMU BRICs Conference, Dallas, Texas, 28-9 March 2012.

“Eurasian Natural Gas: Significance and Recent Developments,” **Eurasian Geography and Economics**, V. 53, (5), 2012, pp. 615-648.

“Demise of the Soviet Union,” Chapter 28 in R. Parker, R Whaples, eds., **The Handbook of Major Events in Economic History** (New York: Publisher, 2013), pp. 330-349.

Refugee Negotiations from a Game-Theoretic Perspective, with Lester A. Zeager and John H.P. Williams (Dordrecht, The Netherlands: Republic of Letters, 2013).

“Command Economy and its Legacy,” Chapter 3 in M. Alexeev, S. Weber, eds., **Handbook of the Russian Economy** (London: Oxford University Press, 2013) pp. 51-85.

“Fundamental Non-Convexity and Externalities: A Differentiable Approach,” with Fan-chin Kung, **Berkeley Journal of Theoretical Economics** (Topics), 2015, #1, pp. 49-62 (published online <<http://www.degruyter.com/printahead/07/17/2014>>).

“Ukraine Crisis 2014: A Study of Russian-Western Strategic Interaction,” with Lester Zeager, **Peace Economics, Peace Science and Public Policy**, V. 21, #2, April 2015, pp. 153-190 (published online 27 March 2015: <<http://www.degruyter.com/view/j/peps.ahead-of-print/peps-2015-0006/peps-2015-0006.xml?format=INT>>).

“Economic History, Economic Theory, and Soviet Institutions,” **Kritika: Explorations in Russian and Eurasian History**, V. 16, #4, Fall 2015, pp. 891-9.

“Preference Representations for Catastrophic Risk Analysis,” with Jamie Kruse, in Graciela Chichilnisky and Armon Rezai, eds., **The Economics of the Global Environment - Catastrophic Risks in Theory and Practice** (Zurich: Springer International Publishing, 2017), pp. 39-68.

BOOK REVIEWS

Review of *Economic Welfare and the Economics of Soviet Socialism*, edited by S. Rosefelde, in **Journal of Economic Literature**, V. 20, #3, December 1982, pp. 1561-1563.

Review of *Iteratinoe agregirovanie i ego primenenie v planirovanii (Iterative Aggregation and its Application in Planning)*, edited by L. M. Dudkin, in **Journal of Comparative Economics**, V. 7, #1, March 1983, pp. 83-86.

Review of *The Process of Investment in the Soviet Union*, by D.A. Dyker, in **Russian Review**, V. 44, #4, 1985, pp. 212-13.

Review of *The Economics of Organization*, by James D. Hess, in **Journal of Economic Literature**, V. 23, #4, December 1985, pp. 1817-1819.

Review of *Dollar GNPs of the USSR and Eastern Europe*, by Paul Marer, in **Slavic Review**, V. 45, #3, Fall 1986, pp. 574-575.

Review of *Materials for a Balance of the Soviet National Economy 1928-30*, edited by S.G. Wheatcroft and R.W. Davies, in **Slavic Review**, V. 47, #4, 1988, pp. 247-9.

Review of *Modern Soviet Economic Performance*, by Trevor Buck and John Cole, in **Slavic Review**, V. 48, #3, Fall 1989, pp. 507-8.

Review of *The Distorted World of Soviet-Type Economies*, by Jan Winiecki, in **Slavic Review**, V. 49, #3, Fall 1990, pp. 475-6.

Review of *The Socialist System: The Political Economy of Communism*, by Janos Kornai, in **Journal of Comparative Economics**, V. 18, #3, June 1994, pp. 495-7.

Review of *The Soviet Social Contract and Why It Failed*, by Linda J. Cook, in **The Bulletin of the Atomic Scientists**, March-April, 1995, pp. 67-8.

Review of *Market Socialism: The Current Debate*, by John Roemer and Pranab Bardhan, eds., in **Journal of Comparative Economics**, V. 20, #3, June 1995, pp. 372-7.

Review of *Russia and the NIS in the World Economy: East-West Investment, Financing, and World Trade*, edited by D.A. Palmieri, in **Slavic Review**, V. 54, #3, 1995, pp. 828-9.

Review of *Development of Capitalism in Russia: The Second Challenge*, by Masaaki Kuboniwa and Evgeny Gavrilentov, in **Journal of Economic Literature**, V. 37, #2, 1999, pp. 704-6.

Review of *Money Unmade: Barter and the Fate of Russian Capitalism* by David Woodruff, in **Business History Review**, V. 74, #11, Spring 2000, pp. 179-84.

Review of *Without a Map: Political Tactics and Economic Reform in Russia* by Andrei Shleifer and Daniel Treisman, in **Slavic Review**, V. 60, #2, Summer 2001, pp. 445-6.

Review of *The Tragedy of Russia's Reforms* by Peter Reddaway and Dmitri Glinsky, in **Survival**, September 2001, pp. 193-4.

Review of *Business and the State in Contemporary Russia* edited by Peter Rutland, in **Russian Review**, V. 62, #1, January 2003, pp. 184-5.

Review of *Reforming Economics and Economics Teaching in the Transition Economies: From Marx to Markets in the Classroom* edited by Michael Watts and William B. Walstad, **Slavic Review**, V. 62, #4, Winter 2003, pp. 323-4.

Review of *Russia's Economic Transitions* by Nicolas Spulber, **The Russian Review** V. 63, #3, July 2004, pp. 538-9.

Review of *Russian Banking* edited by David Lane, **Europe-Asia Studies**, V. 56, #5, July 2004, pp. 770-2.

Review of *The Russian Economy: From Lenin to Putin* by Steven Rosefielde, **Comparative Economic Studies**, V. 50, #4, December 2008, pp. 713-6.

Review of *Petrostate: Putin, Power, and the New Russia*, by Marshall I. Goldman, **The Russian Review**, V. 68, #4, October 2009, pp. nnnn.

Review of *Russia since 1980: Wrestling with Westernization*, by Steven Rosefielde and Stefan Hedlund, **Slavic Review**, V. 69, #1, Spring 2010, pp. 263-4.

Review of *Funding Loyalty: The Economics of the Communist Party*, by Eugenia Belova and Valery Lazarev,

EH.Net, <http://eh.net/book_reviews/funding-loyalty-economics-communist-party>, April 2013.

Review of *The Great Rebirth: Lessons from the Victory of Capitalism over Communism*, edited by Anders Aslund and Simeon Djankov, **The Russian Review**, V. 74, #4, October 2015, pp. 739-40.

Review of *Handbook of the Economics and Political Economy of Transition*, edited by Paul Hare and Gerard Turley, **Journal of Economic Literature**, V. 54, #3, September 2016, pp. 950-2.

UNPUBLISHED PAPERS

"A Theoretical and Institutional Analysis of Industrial Supply in the USSR: A Study of Resource Allocation under Uncertainty," CRMS Working Paper IP-276, Berkeley, CA, March 1979.

"Inventory Stability and Resource Allocation under Uncertainty in A Command Economy," HIER Discussion Paper 733, Cambridge, MA, December 1979.

"The 'Second Economy' as a Resource Allocation Mechanism under Central Planning," HIER Discussion Paper 782, Cambridge, MA, August 1980.

"A Note on Centralized Resource Allocation under Uncertainty," HIER Discussion Paper 783, Cambridge, MA, August 1980.

"A Model of Second-Economy Allocation of Intermediate Products in the State Sector," pre-processed, February 1981.

"On an Optimal Development Strategy for the Very-Long Run," HIER Discussion Paper 908, July 1982.

"On Arbitrage and the Stability of Market Prices," preprocessed, August 1982.

"A Model of Soviet Enterprise Behavior," preprocessed, September 1982.

"A Model of R&D Investment," with Ariel Pakes, preprocessed, July 1983. Presented at NBER Summer Workshop, August 9-12, 1983. Revised July 1984, and presented at NBER Summer Workshop, August 7-9, 1984. Revised July 1985, and presented at NBER Summer Workshop, August 5-7, 1985.

"A Dynamic Model of Dominant Firm Behavior," with Clifford Winston, preprocessed, September 1983. Presented at Econometric Society Winter Meetings, San Francisco, CA, December 28-30, 1983.

"Soviet Economic Reform: An Evaluation and Conjecture," preprocessed, October 1984. Presented at CCSEES Seminar, Northwestern University, November 17, 1984.

"Incentive Compatibility Problems in Soviet-Type Economies," CMSEMS Discussion Paper #657, Evanston, IL, May 1985.

"Complexity and the Future of the Soviet Economy," pre-processed, October 1985, prepared for invited presentation at the Annual Meeting, Southern Economic Association, Dallas, TX, November 24-27, 1985.

"Small Firm Dynamics in a Young Industry: The Case of Passive Learning," with Ariel Pakes, preprocessed, September 1986.

"An Alternative Model of Firm Dynamics," with Ariel Pakes, preprocessed, June 1988; a revision of "A Model of Active Exploration and Development of a New Enterprise/Project," preprocessed, October 1987.

"An Alternative Theory of Firm and Industry Dynamics," with Ariel Pakes, Columbia University Discussion Paper #445, New York, NY, September 1989. Revised February 1990, and August 1992.

"Soviet Perestroika and 1992: Joining the World Economy?" preprocessed, September 1989. Revised for publication by East-West Forum, November 1989.

"The Soviet Central Party and State Apparatus: Views toward the Future," preprocessed, December 1989. Presented at "Conference on the Soviet Future: Gloomy Scenarios", in Washington, DC, January 24-26, 1990.

"On the Possibility of Decentralized Implementation of Central Plans," preprocessed, December 1989. Presented at the 1989 AEA Annual Meeting, December 29, 1989.

"Soviet Central Planning Before and After Reform," preprocessed, February 1989. Presented at the Yale University Workshop on "Political Control of the Soviet Economy," New Haven, CT, March 17-19, 1989. Revised March, 1990.

"Western Participation in the Transformation of the Soviet Union," with S. Bialer, preprocessed, May 1990.

"The Soviet Union, Fall 1990: A Political-Economic Situation Report," preprocessed, October 1990. Presented to NYSE economists, October 17, 1990.

"Where is the Soviet Union Going?" preprocessed, October 1990. Submitted to Novosti Press Agency for publication in the Soviet Union, October 1990.

"Lectures on Markets and the Transition," preprocessed, August 1991. Based on three seminars given in October-November 1990 at the US-Soviet "Seminar on the Market" in Lesnye Dali, USSR.

"The Russian Economy Since Independence," Presented at the RIPS Workshop in Osaka, Japan, February 1993. Revised, June 1993. Revised, January 1994.

"Investment and Industrial Restructuring in Transition Economies," preprocessed, March 1995. Presented to the UN DDSMS Interregional Workshop on Structural Investment Policy for Transition to a Market Economy, held in Almaty, Kazakhstan, on May 16-19, 1995. Revised, June 1995.

"Restructuring an Industry during Transition: Towards a Dynamic Model," preprocessed, March 1996.

"The Structural Barrier to Transition: A Note on Input-Output Tables of Centrally Planned Economies," Columbia University Department of Economics Discussion Paper #9596-31, New York, NY, July 1996; Revised April 1999.

"Restructuring an Industry during Transition: A Two-Period Model," Columbia University Department of Economics Discussion Paper #9697-03, September 1996.

"Russia: The Next Four Years," preprocessed, February 1997.

"Thoughts on the Economic Consequences of the Yeltsin Succession," preprocessed, April 1997. Presented at the Hoffman Memorial Seminar, 4 April 1997, at the Watergate hotel in Washington, DC.

"Theoretical Economic Analysis of Transition: An Overview," preprocessed, September 1997. Prepared for KIARS Workshop on "Social Capital and Economic Development in the Russian Transition," held 26-7 September 1997.

"Restructuring Investment in Transition: A Model of the Enterprise Decision," WDI Working Paper #129, January 1998.

“Economics and the Russian Transition: A Review,” preprocessed, April 1998.

“The Post-Soviet Russian Economic System: An Industrial Feudalism?” preprocessed, January 1999. Prepared for the IEEM Conference on Transition Economies, Macau, 6-9 June 1999. Revised May 1999.

“Notes on Value Transfer Through Barter,” preprocessed, April 1999.

“Towards Modeling the ‘Virtual Economy’ of Russia,” preprocessed, May 1999. Presented at SITE Seminar, 19 March 1999 and BOFIT Workshop, 4 June 1999.

“A Model of Russia’s ‘Virtual Economy’,” with Barry Ickes, preprocessed, June 1999; revised May 2000. Presented at ASSA Meetings, 9 January 2000.

“The Russian Economy: Market in Form but Feudal in Content,” preprocessed, June 2000. Presented at the Economics Summer Workshop of the Irish National University in Galway, 14 July 2000.

“The Russian Economy: Prospects and Problems,” preprocessed, September 2000. Presented at National Defense University Seminar, 15 September, Fort McNier, Washington, DC.

“Russian Economic Recovery: Strategies and Prospects,” preprocessed, March 2001. Presented at the Council of Foreign Relations, New York, 28 March 2001.

“The Russian Economy and Globalization,” preprocessed, May 2001. Presented at ACG-HI Russia Conference, Columbia University, 19 May 2001.

“The Russian Economy,” preprocessed, August 2001. Revised February 2002. Presented at LISD Conference, in Leichtenstein, 17 March 2002. Revised for publication in conference volume, August 2005.

“The Socio-Economic Impact of Investment Policies in a Transition Economy,” Report to UNDESA, December 2001.

“Administrative Command Economy,” “Enrico Barone,” “Friedrich Hayek,” “Market Socialism,” “Planners’ Preferences,” for **Encyclopedia of Russian History**, January 2002.

“Regional Retreat: The Reaction of Russian Institutions to Liberalizing Reform,” preprocessed, January 2002.

“Command vs. Shadow: The Conflicted Soul of the Soviet Economy;” ECU Economics WP #0512, January 2005. Presented at the Allied Social Science Associations Convention, Association of Comparative Economics session, January 8, 2005.

“Putin’s Russia,” preprocessed, January 2005. Inaugural lecture for World Affairs Council’s “Great Decisions 2005” Lecture Series at ECU on 22 January 2005.

“Command Economy,” prepared for **The New Pargrave Dictionary of Economics**, September 2005.

“Ultimate Outcomes in Refugee Crises: An Application of Willson’s Revised Theory of Moves,” with Lester A. Zeager, ECU Economics WP #0521, October 2005. Revised and reissued as “Ultimate Outcomes in Refugee Crises,” ECU Economics WP #0705, April 2007.

“Putin’s Patrimonial System,” preprocessed, November 2005. Presented at the Ellison Center for Russian, East European and Central Asian Studies, Jackson School of International Affairs, University of Washington, Seattle, 14 November 2005. Presented at Hewett Seminar, Brookings Institution, Washington, DC, 15 May 2006.

“Political Economy of Energy Security,” preprocessed, April 2006. Presented at the First Harriman Institute Eurasian Pipelines Colloquium “Transgas-NEGP,” 10 April, 2006.

“Eurasian Pipelines: The Political and Economic Gordian Knot for Russia and Kazakhstan?” preprocessed, November 2006. Presented at the Second Harriman Institute Eurasian Pipelines Colloquium “Eurasian Pipelines and East Asia: A Path to Integration or A Marriage of Convenience?” 1 December, 2006.

“The Structure and Dysfunction of the Soviet Economic System” preprocessed, April 2007. Prepared for presentation at the Conference in Honor of Professor Padma Desai, 26-7 April, 2007, at Columbia University.

“The Economic Approach to Valuation,” preprocessed, October 2007. Prepared for presentation to CRM class, BIOL 6000-2, 1 November 2007.

“Can the Peace Pipeline Really be a Road to Peace?” preprocessed, November 2007. Prepared for presentation at the Third Harriman Institute Eurasian Pipelines Colloquium “The Pipeline Race to India and Pakistan – Is the so-called Peace Pipeline Prospective Reality or Wishful Thinking?” 13 November, 2007.

“Herb Levine: A teacher, Inspiration and Friend,” preprocessed, November 2007. Presented at AAASS 2007 Convention, New Orleans, 16 November 2007.

“The Russian State and Economy in the Putin Era,” preprocessed, February 2008. Presented in “Great Decisions 2008” Lecture at ECU, 9 February 2008.

“The Welfare Economics of Bounce Protection,” with Marc Fusaro, ECU Economics Working Paper #0814, September 2008. Revised September 2009.

“Eritrea, Donors, and the Return of 500,000 Refugees: Was There No Equilibrium Path to an Agreement?” with Lester A. Zeager, preprocessed, October 2008.

“The Russian Economy in 2008,” preprocessed, November 2008. Presented at AAASS Conference in Philadelphia, PA, 21 November 2008.

“Russian Response to Economic Crisis: Testing the Market Economy,” February 2009. Presented at Harriman Institute, Columbia University, NY, 23 February 2009.

“Natural Gas and Energy Security: Implications of Gas Pipelines,” preprocessed, March 2009. Presented at 2nd CAPS Conference, State College, PA, 29 March 2009.

“Russia and the World Economic Crisis,” preprocessed, March 2009. Presented at REEEEC Current affairs Forum, Urbana-Champaign, Illinois, 9 April 2009.

“The Welfare Effect of Interest Rate Volatility,” with Xuan Liu, ECU Economics working Paper # 0909, April 2009.

“Eritrea, Donors, and the Return of 500,000 Refugees: Was there no equilibrium path to an agreement?” with Lester A. Zeager, ECU Economics Working Paper #0911, April 2009.

“Russian Response to the Global Financial Crisis,” preprocessed, March 2009. Presented at OSI Central Eurasian Project Forum, New York, 22 April 2009.

“Political Economy of Caspian Region Exports,” preprocessed, April 2009, Presented at 4th Harriman Institute Eurasian Pipelines Colloquium “The Architecture of the Energy Export System of the Caucasus and Central Asia,” 21 April 2009.

“The Russian Economy in 2009,” preprocessed, November 2009. Presented at AAASS Conference in Boston, MA, 13 November 2009.

“Russia and Its Neighbors,” preprocessed, January 2012. Presented in “Great Decisions 2010” Lecture at ECU,

16 January 2010.

“Welfare Effect of Productivity Shocks, and Policy Implications in a Small Open Economy,” with X. Liu, preprocessed, June 2010. Presented at 2011 ASSA Meetings, January 9, 2011.

“Fundamental Non-Convexity and Externalities: A Differentiable Approach,” with Fan-chin Kung, preprocessed, October 2010.

“International Refugee Crisis Negotiations: A Game-Theoretic Analysis,” preprocessed, November 2010. Presented as Distinguished Professor Lecture, 12 November 2010, at NES Annual Research Conference, Moscow, Russia.

“Optimizing Behavioral Response to Natural Disaster Risks: A Principal-Agent Framework,” preprocessed, August 2010. Work related to NIST Grant, *Modelling Natural Disaster Risk Management: A Stakeholder Perspective*, University of Delaware Subcontract 211833.

“Soviet Command Economy and Its Legacy in Russia,” March 2011. Presented at the Gaidar-2011 Forum at the Presidential Academy for National Economy and Public Administration, Moscow 18 March 2011. Presented at Macalester Annual Russia, East Europe, and Eurasia Conference, St. Paul, MN, 18 April 2013.

“Demise of the Soviet Union,” August 2011. Prepared for publication in **The Handbook of Major Events in Economic History** (eds. R. Parker, R Whaples), forthcoming 2012.

“The Russian Economy in 2011,” preprocessed, November 2011. Presented at AAASS Conference in Boston, MA, 18 November 2011.

“Energy Geopolitics,” preprocessed, January 2012. Presented in “Great Decisions 2012” Lecture at ECU, 4 February 2012.

“Development Progress in Russia,” preprocessed, March 2012. Presented at SMU Conference on “Economic and Political Leadership from the Emerging World? A Focus on BRICs,” SMU, Dallas TX, 29 March 2012.

“Eurasian Energy and Pipelines: An overview,” preprocessed, April 2012. Presented at the 6th Harriman Institute Eurasian Pipelines Colloquium, New York, 17 April 2012.

“Preference Representations in the Face of Catastrophic Risks,” preprocessed, May 2012. Presented in AFOSR Workshop on “Catastrophic Risks,” SRI, Stanford, CA, 1-2 June 2012, and at the EERC Research Workshop, Odessa, Ukraine, 7-9 July 2012. Revised November 2012 and presented at NES 20th Anniversary Conference, Moscow, Russia, 14-15 December 2012. Revised for Springer Verlag Conference Volume, May 2015. Accepted, pending volume publication.

“Reflections on Russian’s Economic Transition: Lingering Soviet Legacies,” preprocessed, presented at *Macalester Russian, East European, and Central Asian Studies Conference*, St. Paul, Minnesota, April 2013

“The Soviet Command Economy,” invited lecture in the Harriman Institute series, *Legacies of the Soviet Union*, September 2014.

“Ukraine Crisis 2014: A Study of Russian-Western Strategic Interaction,” with Lester Zeager, preprocessed, November 2014.

“The Soviet Command Economy and its Legacy in Russia,” invited lecture in the Harriman Institute series, *Legacies of the Soviet Union*, 12 October 2015.

“On Economic Theory and the Soviet Economy,” presentation to *EERC Network Research Workshop*, 21 May 2016

“Regulatory Predation and Systemic Economic Damage,” preprocessed, September 2017, presented in *ECU Economics Forum: State of the Economy*, 3 October 2016.

“The Soviet Command Economy and its Impact on the Russian Economy,” invited lecture in the Harriman Institute series, *Legacies of the Soviet Union*, 10 October 2016; 9 October 2017.

“Trade and Politics: Challenges of Globalization,” preprocessed, January 2017, presented in “Great Decisions - 2017” lecture, 4 February 2017.

“The Growth and Marsecence of SOFE,” preprocessed, October 2017, presented at ASEEES, 12 November 2017, and ASSA Annual AEA Meeting, 5 January 2018. Submitted to refereed journal, *History of Political Economy*. [Revise and Resubmit]

TEACHING EXPERIENCE

Graduate Courses:

- Advanced Microeconomic Theory (East Carolina University)
- Topics in Microeconomic Theory (East Carolina University)
- 1stYear PhD Microeconomic Theory (Columbia & Northwestern Universities, NES)
- General Equilibrium Theory (Northwestern University)
- Advanced Microeconomic Theory [Dynamic Economic Models] (Columbia University & NES)
- Economics of Transition (Columbia University)
- Economic Theory of Central Planning (Harvard, Northwestern & Columbia Universities)
- Topics in the Management of Centrally Planned Economies (Columbia University)
- Socialist Economic Systems (Harvard University)
- Organization and Development of the Soviet Economy (Yale & Columbia Universities)
- Organization and Development of the Post-Soviet Economies (Columbia University)
- The Political Economy of Transition (Columbia University)
- Legacies of the Russian and Soviet Empires (Columbia University)

Undergraduate Courses:

- Principles of Microeconomics (East Carolina University)
- Topics in Microeconomic Theory (East Carolina University)
- Russian Economic Transitions (East Carolina University)
- Principles of Economics: Microeconomics and Macroeconomics (Harvard & Columbia Universities)
- Intermediate Microeconomics (Harvard, Northwestern & Columbia Universities, & NES)
- Introduction to Mathematical Economics (Columbia University)

- Senior Seminar in Microeconomic Theory (Columbia University)
- Soviet Economic Institutions (Northwestern University)
- Comparative Economic Systems (Northwestern University)
- Economic Organization and Development of the Soviet Union (Yale University)

CURRENT RESEARCH

Mathematical economic modeling of planning in the Soviet Union;

Utility representations of preferences: separating time, risk, and ambiguity;

Russian economic performance since 2008;

Modeling development decisions in the face of severe coastal hazards;

Political economy of gas/oil pipelines in Eurasia.

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