

LAWRENCE HOWARD OFFICER--January 2025

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EDUCATIONAL BACKGROUND

McGill University:

Faculty of Arts and Sciences, Montreal, September 1956 - May 1960. B.A. with First Class Honors in Economics and Political Science awarded 1960.

Harvard University:

Graduate School of Arts and Sciences, Cambridge, Massachusetts, September 1960 - September 1964. Completed general examinations and residency requirements for Ph.D. in Economics in May 1962. A.M. awarded 1962. Special Field: International Economics. Completed special examination for Ph.D. in September 1964. Grade in special examination: Excellent. Ph.D. awarded 1965.

Academic Awards:

Allen Oliver Gold Medal and Fellowship: 1960.
Woodrow Wilson Fellow: 1960-1961.
H. B. Earhart Fellowship: 1961-1962, 1963-1964.
Ford Foundation Doctoral Dissertation Fellowship: 1962-1963.

PROFESSIONAL POSITIONS

Professor Emeritus of Economics, University of Illinois at Chicago, 2022-

Professor of Economics, University of Illinois at Chicago, 1987-2021.

Interim Dean, College of Business Administration, University of Illinois at Chicago, 1997-1998.

Associate Dean for Academic Affairs, College of Business Administration, University of Illinois at Chicago, 1992-1995.

Professor of Economics, Michigan State University, 1970-1987.

Visiting Professor of Economics, Graduate School of Business, University of Chicago, 1980-1981.

Assistant Professor of Economics, Harvard University, 1966-1970.

Resident Tutor in Economics, Quincy House, Harvard University, 1965-1970.

Instructor in Economics, Harvard University, 1964-1965

PROFESSIONAL ACTIVITIES

Editorial Collaboration:

Member, Editorial Board, *Journal of Economic Studies*, 2006-2021.
 Editor, Special Projects, EH.Net, 2002-2005.
 Member, Advisory Board, EH.Net *Encyclopedia*, 2001-2005.
 Consulting Editor, EH.Net *Encyclopedia*, 2001-2005.
 Member, Selection Committee, Economic History Classics, EH.Net, 2005.
 Member, Editorial Board, *International Journal of Finance and Economics*, 1995-2006.
 Associate Editor, *Review of Economics and Statistics*, 1968-1992.
 Member, Board of Editors, *Canadian Journal of Economics*, 1971-1974.
 Associate Editor, *Quarterly Journal of Economics*, 1966-1971.

Consulting:

Consultant, International Monetary Fund, 1975.
 Research Consultant, Bank of Canada, 1966-1969.
 Consultant, Charles River Associates, Cambridge, MA, 1966-1968.

Entrepreneurship:

Co-founder MeasuringWorth.com, 2006. Director of Research 2006-2013.

Invited Conferences:

Participant, “Centers and Peripheries in Banking,” Conference of the European Association for Banking History, Stockholm, Sweden, May 30 - June 1, 2002.

Discussant, Session on “What is Money Worth? -- Debasement, Default and Commodity Money,” Economic History Association meetings, Chicago, Illinois, September 10, 1995.

Participant, Workshop on “Monetary Standards and Exchange Rates,” Bank of Italy, Perugia, Italy, March 24-25, 1995.

Chair and Discussant, Session on “Purchasing Power Parity,” Midwest Economics Association, annual meeting, Chicago, Illinois, March 26, 1994.

Participant, Conference on International Comparison of Price Structures, and their Influence on Productivity and Growth, Center of Economic Research at Florida International University and North-South Center of University of Miami, July 17-18, 1992.

Participant, Annual Meeting, International Agricultural Trade Research Consortium, San Antonio, Texas, December 14-16, 1988.

Panel Discussant, Colloquium on “Accelerated Development in Sub-Saharan Africa: Policy Implications of the World Bank Agenda,” African Studies Center and Center for Advanced Study in International Development, Michigan State University, April 19, 1983.

Participant, Seminar on the Financial Problems of International Firms, Graduate School of Business, University of Chicago, October 28-29, 1980.

Moderator, Conference on World Trade and New Asian Opportunities, Center for Far Eastern Studies and The Asian Business Group, University of Chicago, October 17, 1980.

Program Chairman, Economics Society of Michigan (in conjunction with the Michigan Academy of Science, Arts and Letters), East Lansing, MI, 1972.

Chairman, Economics panel, Detroit Management Conference (sponsored by Graduate School of Business Administration, Business Alumni Association, and Advanced Management Program Club of Michigan State University), Detroit, 1971.

Participant, Conference of University Professors (sponsored by American Bankers Association), Milwaukee, WI, 1969.

Participant, Conference on Stabilization Policies (sponsored by Economic Council of Canada), London, Canada, 1965

HONORS

Outstanding Reviewer Award. For work on *Journal of Economic Studies*. Emerald Literati Network, 2008.

College of Business Administration, University of Illinois at Chicago, Alumni Award for Distinguished Teaching, 2002.

College of Business Administration, University of Illinois at Chicago, Alumni Award for Distinguished Research, 1994.

Listed in *Who's Who in Economics*, third edition, edited by Mark Blaug. Cheltenham: Edward Elgar, 1999.

Listed in *Who's Who in Economics: A Biographical Dictionary of Major Economists 1700-1986*, edited by Mark Blaug. Sussex: Wheatsheaf Books, 1986.

Listed in *Who's Who in Economics: A Biographical Dictionary of Major Economists 1700-1981*, edited by Mark Blaug and Paul Sturges. Sussex: Wheatsheaf Books, 1983.

Honorable Mention—College and University Division, 18th Annual National Awards Program for the Teaching of Economics, Joint Council on Economic Education, September 1980.

Professor of the Year Award for Outstanding Contributions to the Graduate Economics Program, 1971-1972. Awarded by Michigan State University Graduate Economics Club.

PUBLICATIONS

I. Books

Authored

An Econometric Model of Canada Under the Fluctuating Exchange Rate. Cambridge, MA: Harvard University Press, 1968, 319 pp.

[Reviewed by Robert M. Dunn, Jr., *Journal of Finance*, Vol. 24, No. 1 (Mar., 1969), pp. 162-164; Grant L. Reuber, *American Economic Review*, Vol. 58, No. 5 (Dec., 1968), pp. 1416-1419; Meghnad Desai, *Economica*, New Series, Vol. 37, No. 148 (Nov., 1970), pp. 437-438; R. W. Baguley, *Canadian Journal of Economics*, Vol. 3, No. 4 (Nov., 1970), pp. 647-649; F. G. Pyatt, *Economic Journal*, Vol. 79, No. 313 (Mar., 1969), pp. 135-137; Arrigo Depollo, *Giornale degli Economisti e Annali di Economia*, Nuova Serie, Anno 28, No. 5/6 (Maggio-Giugno 1969), pp. 402-403.]

Supply Relationships in the Canadian Economy: An Industry Comparison (assisted by Peter R. Andersen and David A. Wilton). M.S.U. International Business and Economic Studies. East Lansing: Division of Research, Graduate School of Business Administration, Michigan State University, 1972, 173 pp.

[Reviewed by Donald G. McFetridge, *Canadian Journal of Economics*, Vol. 6, No. 3 (Aug., 1973), pp. 449-450; Huntley G. Manhertz, *Journal of Economic Literature*, Vol. 12, No. 3 (Sep., 1974), pp. 918-920.]

The Monetary Approach to the Balance of Payments: A Survey (with Mordechai E. Kreinin). Princeton Studies in International Finance No. 43, 1978. International Finance Section, Princeton University, 84 pp.

So You Have to Write an Economics Term Paper . . . (with Daniel H. Saks and Judith A. Saks). East Lansing, MI: Division of Research, Graduate School of Business Administration, Michigan State University, 1980, and Michigan State University Press, 1981, 149 pp.

[Reviewed by George G. Dawson, *Journal of Economic Education*, Vol. 13, No. 1 (Winter, 1982), pp. 69-71.]

Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance. Greenwich, CT: JAI Press, 1982, 361 pp.

[Reviewed by Jose M. Vinals, *Journal of Economic Literature*, Vol. 21, No. 4 (Dec., 1983), pp. 1532-1534.]

Between the Dollar-Sterling Gold Points: Exchange Rates, Parities and Market Behavior, 1791-1931. Cambridge: Cambridge University Press, 1996, 342 pp.

[Endorsed by Anna J. Schwartz, back cover (paperback). Reviewed by Angela Redish, *Journal of Economic Literature*, Vol. 35, No. 4 (Dec., 1997), pp. 2084-2085; Alan M. Taylor, *EH.Net Book Review Library*, (March, 1998); Pierre-Cyrille Hautcoeur, *Annales. Histoire, Sciences Sociales*, 53e Année, No. 3 (May - Jun., 1998), pp. 639-641; Monika Dickhaus, *VSWG: Vierteljahrschrift für Sozial- und Wirtschaftsgeschichte*, 86. Bd., H. 1 (1999), pp. 121-122; Richard Tilly, *Journal of Economic History*, Vol. 58, No. 3 (Sep., 1998), pp. 916-917; Marc Flandreau, *Economic Journal*, Vol. 108, No. 449 (Jul., 1998), pp. 1223-1225; Ranald C. Michie, *Economic History Review*, New Series, Vol. 50, No. 1 (Feb., 1997), pp. 206-207.]

Pricing Theory, Financing of International Organizations and Monetary History. London: Routledge, 2007, 324 pp.

[Reviewed by Richard Sylla, *EH.Net Book Review Library*, (November, 2007); Mark E. Duckenfield, *Economic History Review*, New Series, Vol. 61, No. 1 (Feb., 2008), pp. 274-275.]

Two Centuries of Compensation for U.S. Production Workers in Manufacturing. New York: Palgrave Macmillan, 2009, 224 pp.

[Endorsed by Robert E. Hall, back cover. Reviewed by Joshua L. Rosenbloom, *EH.Net Book Review Library*, (December, 2009).]

Everyday Economics: Honest Answers to Tough Questions. New York: Palgrave Macmillan, 2009, 203 pp.

[Endorsed by Norman Obst and Helen Roberts, back cover.]

[Translations into Chinese (traditional characters) by Jiang Yuzhen; Taipei: Wealth Press, 2009, 271 pp; Chinese (simplified characters) by Cao Bin; Beijing: CITIC Press, 2010, 240 pp; German by Petra Pyka; Kulmbach: Börsenbuchverlag, 2013, 238 pp.]

A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services. Palgrave Macmillan. Switzerland: Springer Nature, 2021, 415 pp.

[Reviewed by John Devereux, *EH.Net Book Review Library*, (May, 2022).]

Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards. Palgrave Macmillan. Switzerland: Springer Nature, 2022, 542 pp.

[Reviewed by John Devereux, *EH.Net Book Review Library*, (July, 2023).]

Edited

The International Monetary System: Problems and Proposals (with Thomas D. Willett). Englewood Cliffs, NJ: Prentice-Hall, Inc., 1969, 238 pp.

[Reviewed by *Chronique de politique étrangère*, Vol. 24, No. 3 (May, 1971), p. 476; Susan Strange, *International Affairs*, 1970, Vol.46 (4), pp. 740, 743.]

Canadian Economic Problems and Policies (with Lawrence B. Smith). Toronto: McGraw-Hill Co. of Canada Limited, 1970, 358 pp.

[Reviewed by John Helliwell, *Canadian Journal of Economics*, Vol. 4, No. 1 (Feb., 1971), pp. 118-119.]

Issues in Canadian Economics (with Lawrence B. Smith). Toronto: McGraw-Hill Ryerson Limited, 1974, 418 pp.

[Reviewed by J.N. Benson, *Canadian Journal of Economics*, Vol. 9, No. 1 (Feb., 1976), pp. 190-192.]

International Economics, edited. Boston, MA: Kluwer-Nijhoff Publishing, 1987, 274 pp.

Monetary Standards and Exchange Rates (with Maria Cristina Marcuzzo and Annalisa Rosselli). London: Routledge, 1997, 302 pp.

[Reviewed by Catherine R. Schenk, *Economic History Review*, New Series, Vol. 51, No. 4 (Nov., 1998), pp. 851-852; Perry Mehrling, *Economic Journal*, Vol. 109, No. 456, Features (Jun., 1999), pp. F488-F489.]

II. Authored Works Via Topic

1. Pricing Theory

General

“The Optimality of Pure Competition in the Capacity Problem,” *Quarterly Journal of Economics*, LXXX, No. 4 (November 1966), pp. 647-651. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 3-7.

“The Optimality of Pure Competition in the Capacity Problem: Reply,” *Quarterly Journal of Economics*, LXXXI, No. 4 (November 1967) pp. 705-706.

“Demand Conditions under Multidimensional Pricing,” in Willy Sellekaerts, ed., *Econometrics and Economic Theory: Essays in Honor of Jan Tinbergen*. London: The MacMillan Press, 1974, pp. 261-284. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 8-27.

"Pricing Theory," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, Part I, pp. 62-64.

Transportation

“Monopoly and Monopolistic Competition in the International Transportation Industry,” *Western Economic Journal*, IX, No. 2 (June 1971), pp. 134-156. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 28-49.

“Discrimination in the International Transportation Industry,” *Western Economic Journal*, Vol. 10, No. 2 (June 1972), pp. 170-181. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 50-61.

"Pricing Theory," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, Part I, pp. 65-72.

2. Commodity and Foreign-Exchange Markets

“The Effect of Monopoly in Commodity Markets Upon the Foreign Exchange Market,” *Quarterly Journal of Economics*, LXXX, No. 2 (May 1966), pp. 325-332.

“A Comparison of the Effects of Monopoly and Competition in Commodity Markets Upon the Foreign Exchange Market,” *Western Economic Journal*, VII, No. 4 (December 1969), pp. 360-364.

3. Trade and Tariffs

Trade Liberalization

“The Canadian-American Reciprocity Treaty of 1855 to 1866” (with Lawrence B. Smith), *Journal of Economic History*, XXVIII, No. 4 (December 1968), pp. 598-623.

“Price Effects of the Kennedy Round on Canadian Trade (assisted by Jules R. Hurtubise), *Review of Economics and Statistics*, LI, No. 3 (August 1969), pp. 320-333.

“The Canadian-American Reciprocity Treaty of 1855 to 1866: Reply” (with Lawrence B. Smith), *Journal of Economic History*, XXX, No. 2 (June 1970), pp. 432-434.

“Tariff Reductions Under the Tokyo Round: A Review of Their Effects on Trade Flows, Employment, and Welfare” (with Mordechai E. Kreinin), *Weltwirtschaftliches Archiv*, Vol. 115, No. 3 (1979), pp. 543-572.

“Cordell Hull: Champion of Freer Trade,” *Hull Family Association Journal*, Vol. 2, No. 1 (February 1991), pp. 4, 10.

Review of Anthony Scaperlanda, ed., *Prospects for Eliminating Non-Tariff Distortions*, in *Kyklos*, XXVII, Fasc. 2 (1974), 435.

Review of Robert E. Baldwin and J. David Richardson, eds., *The Uruguay Round and Beyond: Problems and Prospects*, in *Journal of Comparative Economics*, Vol. 17, No. 1 (March 1993), pp. 151-155.

Review of Nora Lustig, Barry P. Bosworth, and Robert Z. Lawrence, eds. *North American Free Trade: Assessing the Impact*, in *Journal of Comparative Economics*, Vol. 18, No. 1 (March 1994), pp. 250-253.

Other [see also 18., 20.]

“The Effect of a Tariff on the Domestic Price Ratio: A Reconciliation,” *Rivista Internazionale di Scienze Economiche e Commerciali*, XVII, No. 3 (March 1970), pp. 282-284.

“New Measures of Prices and Productivity for Tradable and Nontradable Goods” (with Morris Goldstein), *Review of Income and Wealth*, Series 25, No. 4 (December 1979), pp. 413-427.

“Prices of Tradable and Nontradable Goods in the Demand for Total Imports” (with Morris Goldstein and Mohsin S. Khan), *Review of Economics and Statistics*, LXII, No. 2. (May 1980), pp. 190-199. Reprinted in Morris Goldstein, *Trade, Currencies, and Finance*. World Scientific Publishing, 2017, pp. 105-123.

Review of S. G. Triantis, *Cyclical Changes in Trade Balances of Countries Exporting Primary Products 1927-1933*, in *Kyklos*, XXII, Fasc. 2 (1969), pp. 401-402.

Review of F. G. Adams, et al., *An Econometric Analysis of International Trade*, in *Kyklos*, XXIII, Fasc. 3 (1970), pp. 620-621.

Review of R. A. Cooper, K. Hartley, and C. R. M. Harvey, *Export Performance and the Pressure of Demand: A Study in Firms*, in *Journal of Economic Issues*, VI, No. 2 (June 1972), pp. 147-149.

Review of Herbert G. Grubel and Harry G. Johnson, eds. *Effective Tariff Protection*, in *Kyklos*, XXV, Fasc. 1 (1972), pp. 169-170.

Review of H. Peter Gray, *A Generalized Theory of International Trade*, in *Kyklos*, Vol. 30, Fasc. 1 (1977), pp. 143-144.

Review of Leonard Gomes, *Foreign Trade and the National Economy: Mercantilist and Classical Perspectives*, in *Journal of Economic History*, XLVIII, No. 3 (September 1988), pp. 809-811.

Review of Robert E. Baldwin, *Trade Policy in a Changing World Economy*, in *Economic Development and Cultural Change*, Vol. 39, No. 2 (January 1991), pp. 429-432.

Review of Clark W. Reynolds, Leonard Waverman, and Gerardo Bueno, eds., *The Dynamics of North American Trade and Investment: Canada, Mexico, and the United States*, in *Journal of Comparative Economics*, Vol. 16, No. 2 (June 1992), pp. 387-391.

Review of Graham Dunkley, *The Free Trade Adventure*, and Colin Hines, *Localization: A Global Manifesto*, in *Economic Development and Cultural Change*, Vol. 50, No. 2 (January 2002), pp. 443-449.

Review of Keith E. Maskus, *Intellectual Property Rights in the Global Economy*, in *Economic Development and Cultural Change*, Vol. 51, No. 1 (October 2002), pp. 257-262.

Review of Leonard Gomes, *The Economics and Ideology of Free Trade: A Historical Review*. EH.Net Book Review Library, August 2003.

4. History of Thought

Purchasing Power Parity [see also 18.]

“The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article,” *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 1-60.

"Introduction," "Evolution of PPP Theory," "Modern PPP Theory and Practice," "Conclusions," in *Purchasing Power Parity and Exchange Rate: Theory, Evidence and Relevance*. Greenwich, CT: JAI Press, 1982, Parts I-III, V, pp. 1-195, 287-292.

"The Purchasing-Power-Parity Theory of Gerrard de Malynes," *History of Political Economy*, Vol. 14, No. 2 (Summer 1982), pp. 256-259. Reprinted in Mark Blaug, ed., *The Early Mercantilists*. Hants, England: Edward Elgar Publishing Limited, 1991, pp. 288-291.

"Purchasing Power Parity: From Ancient Times to World War II," in EH.Net *Encyclopedia*, 2006.

"Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 161-187.

"Purchasing Power Parity: Origin and Use," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, Part I, pp. 1-81.

Science Fiction

"The Bible Meets Science Fiction: A Solution to the Principal-Agent Problem," *Journal of Political Economy*, Vol. 110, No. 1 (February 2002), back cover.

"Ghost Money in a Barter Economy," *Journal of Political Economy*, Vol. 127, No. 3 (June 2019), back cover.

"Economics and Economic History in Science Fiction" (with Ari J. Officer), in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 479-523.

Other

"Prosperity and Depression—and Beyond," *Quarterly Journal of Economics*, XCVII, No. 1 (February 1982), pp. 149-159.

"Malynes, Gerard de (fl. 1586-1623)," in John Eatwell, Murray Milgate, and Peter Newman, eds., *The New Palgrave: A Dictionary of Economics*. London: The MacMillan Press, 1987, Vol. 3, p. 293. Reprinted in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition. Houndmills and New York: Palgrave, Macmillan, 2008, vol. 5, pp. 263-264.

Review of Rodney J. Morrison, *Henry C. Carey and American Economic Development*, in *Journal of Economic History*, XLVII, No. 1 (March 1987), pp. 294-295.

Review of M. June Flanders, *International Monetary Economics, 1870-1960: Between the Classical and the New Classical*, in *Journal of Economic History*, L, No. 3 (September 1990), pp. 779-801.

Review of John F. Henry, *John Bates Clark: The Making of a Neoclassical Economist*, in *Journal of Economic History*, Vol. 56, No. 3 (September 1996), pp. 756-57.

Review of Ronald Findlay, Rolf G. H. Henriksson, Håkan Lindgren, and Mats Lundahl, eds., *Eli Heckscher, International Trade, and Economic History*, in *Journal of the History of Economic Thought*, Vol. 30, No. 4 (December 2008), pp. 537-540.

5. Purchasing Power Parity: Empirical Studies [see also 18.]

Absolute and Relative Purchasing Power Parity

“Purchasing Power Parity and Factor Price Equalization,” *Kyklos*, XXVII, Fasc. 4 (1974), pp. 868-878.

“The Productivity Bias in Purchasing Power Parity: An Econometric Investigation,” International Monetary Fund *Staff Papers*, XXIII, No. 3 (November 1976), pp. 545-579.

“The Relationship Between Absolute and Relative Purchasing Power Parity,” *Review of Economics and Statistics*, LX, No. 4 (November 1978), pp. 562-568. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 85-100.

“Effective Exchange Rates and Price Ratios Over the Long Run: A Test of The Purchasing-Power-Parity Theory,” *Canadian Journal of Economics*, XIII, No. 2 (May 1980), pp. 206-230.

“The Relationship Between the Absolute and the Relative PPP Theory of Cassel,” *History of Political Economy*, Vol. 14, No. 2 (Summer 1982), pp. 251-255.

"Selected PPP Studies," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance*. Greenwich, CT: JAI Press, 1982, Part IV, pp. 197-285.

"Absolute and Relative PPP," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, p. 149.

Law of One Price

“The Law of One Price: Two Levels of Aggregation,” in Thomas Grennes, ed., *International Financial Markets and Agricultural Trade*. Boulder, Colorado: Westview Press, 1990, pp. 10-49.

“The Law of One Price Cannot Be Rejected: Two Tests Based on the Tradable/Nontradable Price Ratio,” *Journal of Macroeconomics*, Vol. 8, No. 2 (Spring 1986), pp. 159-182. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 101-124.

"Law of One Price," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 149-150.

National Price Level

“The National Price Level: Theory and Estimation,” *Journal of Macroeconomics*, Vol. 11, No. 3 (Summer 1989), pp. 351-373. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 125-147.

"National Price Level," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 150-153.

6. Monetary Systems

Gold [see also 19.]

Dollar-Sterling Market

“The Efficiency of the Dollar-Sterling Gold Standard, 1890-1908,” *Journal of Political Economy*, Vol. 94, No. 5 (October 1986), pp. 1038-1073.

“The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890-1906,” *Journal of Economic History*, XLIX, No. 1 (March 1989), pp. 1-41.

“Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard,” *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp. 98-127.

“Market Efficiency and Regime Efficiency under the 1925-31 Dollar-Sterling Gold Standard,” in Tamim Bayoumi, Barry Eichengreen, and Mark Taylor, eds., *Modern Perspectives on the Gold Standard*. Cambridge: Cambridge University Press, 1996, pp. 101-128.

"Market Efficiency," "Regime Efficiency," in *Between the Dollar-Sterling Gold Points: Exchange Rates, Parities and Market Behavior, 1791-1931*. Cambridge: Cambridge University Press, 1996, Parts V-VI, pp. 213-276. Partially reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 377-404.

General

“Gold Standard,” in EH.Net *Encyclopedia*, 2001.

"Fascination with Gold," "Documentary Histories of Gold," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 308-309.

“Gold Standard,” in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition. Houndmills and New York: Palgrave, Macmillan, 2008, vol. 3, pp. 695-701; reprinted in third edition (online). Also reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 219-234.

"Classic Metallic Standards," in “Purchasing Power Parity in Economic History,” in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, p. 172. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 56-57. [Not bibliographically independent. Part of complete entry in **4. (Purchasing Power Parity)**.]

“International Monetary Regimes: The Gold Standard.” In Stefano Battilossi, Youssef Cassis and Kazuhiko Yago, *Handbook of the History of Money and Currency*. Dordrecht, Heidelberg, New York, London: Springer Reference, 2019, pp. 599-631. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 249-289.

"Metallic Standards," "Classical Gold Standard," "Interwar Gold Standard," "Market and Regime Efficiency," "Criticisms," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 295-297, 469-470.

Review of Maria Cristina Marcuzzo and Annalisa Rosselli, *Ricardo and the Gold Standard: The Foundations of the International Monetary Order*, in *Journal of Economic History*, Vol. 52, No. 3 (September 1992), pp. 754-755.

Review of Barry Eichengreen, *Golden Fetters: The Gold Standard and the Great Depression, 1919-1939*, in *Business History Review*, Vol. 66, No. 2 (Summer 1992), pp. 407-409.

Review of Luca Einaudi, *Money and Politics: European Monetary Unification and the International Gold Standard (1865-1873)*, in *Business History Review*, Vol. 75, No. 4 (Winter 2001), pp. 896-899.

Review of Mark Duckenfield, ed., *The Monetary History of Gold: A Documentary History, 1660-1999*. EH.Net Book Review Library, December 2004. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 279-287.

Silver

“Silver Standard,” in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition. Houndmills and New York: Palgrave, Macmillan, 2008, vol. 7, pp. 484-486; reprinted in third edition (online). Also reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 234-239.

"Silver Standard," "Bimetallism," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, p. 297.

Bimetallism

“Bimetallism,” in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition. Houndmills and New York: Palgrave, Macmillan, 2008, vol. 1, pp. 488-492; reprinted in third edition (online). Also reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 240-248.

Review of Angela Redish, *Bimetallism: An Economic and Historical Analysis*. EH.Net Book Review Library, November 2000.

Bretton Woods

“Reserve-Asset Preferences and the Confidence Problem in the Crisis Zone” (with Thomas D. Willett), *Quarterly Journal of Economics*, LXXXIII, No. 4 (November 1969), pp. 688-695.

“The Interaction of Adjustment and Gold-Conversion Policies in a Reserve-Currency System” (with Thomas D. Willett), *Western Economic Journal*, VIII, No. 1 (March 1970), pp. 47-60. Reprinted in Benjamin J. Cohen, ed., *The International Political Economy of Monetary Relations*. Hants, England: Edward Elgar Publishing Limited, 1993, pp. 142-155.

“International Monetary Reform: A Review Article,” *Journal of Economic Issues*, VI, No. 1 (March 1972), pp. 147-153. Reprinted in Warren J. Samuels, ed. *The Economy as a System of Power*, Vol 2: *Corporate Power*. New Brunswick, NJ: Transaction Books, 1979, pp. 281-287.

“Reserve-Asset Preferences in the Crisis Zone, 1958-67,” *Journal of Money, Credit and Banking*, VI, No. 2 (May 1974), pp. 191-211. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 288-307.

"Central-Bank Reserve-Asset Preferences," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 309-310.

"Bretton Woods System" in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, p. 298.

Review of Michael D. Bordo and Barry Eichengreen, eds., *A Retrospective on the Bretton Woods System: Lessons for International Monetary Reform*, in *Journal of Economic History*, Vol. 53, No. 3 (September 1993), pp. 672-673. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 291-294.

Review of Stefano Battilossi and Youssef Cassis, eds., *European Banks and the American Challenge: Competition and Cooperation in International Banking under Bretton Woods*, in *Business History Review*, Vol. 76, No. 4 (Winter 2002), pp. 924-926.

Paper [see also **18.**, **20.**]

Bank Restriction Period

“The Bullionist Controversy: A Time-Series Analysis,” *International Journal of Finance and Economics*, Vol. 5, No. 3 (July 2000), pp. 197-209. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 165-184.

"Bank Restriction Period, 1797-1821," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 253-267.

English, Irish, Swedish Bullionist Periods

“Bullionist Controversies (Empirical Evidence),” in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition. Houndmills and New York: Palgrave, Macmillan, 2008, vol. 1, pp. 597-602; reprinted in third edition (online). Also reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 365-376.

"Bullionist Periods," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 170-171. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 54-55. [Not bibliographically independent. Part of complete entry in **4. (Purchasing Power Parity)**.]

"Bullionist Periods," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 461-462.

New England

"The Quantity Theory in New England, 1703-1749: New Data to Analyze an Old Question," *Explorations in Economic History*, Vol. 42, No. 1 (January 2005), pp. 101-121. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 231-252.

"Quantity Theory in New England, 1703-1749," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 268-273.

United States

"Paper Standards," in *Between the Dollar-Sterling Gold Points: Exchange Rates, Parities and Market Behavior, 1791-1931*. Cambridge: Cambridge University Press, 1996, pp. 28-33. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 323-328.

"The Floating Dollar in the Greenback Period: A Test of Theories of Exchange-Rate Determination," *Journal of Economic History*, XLI, No. 3 (September 1981), pp. 629-650.

"Analysis of U.S. Return to Gold Standard in 1879," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, p. 177. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 62-63. [Not bibliographically independent. Part of complete entry in **4. (Purchasing Power Parity)**.]

Britain

"Paper Standards," in *Between the Dollar-Sterling Gold Points: Exchange Rates, Parities and Market Behavior, 1791-1931*. Cambridge: Cambridge University Press, 1996, pp. 42-46. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 350-354.

Other Episodes

"Floating Rates--Second-Half of Nineteenth Century," "World War I," "Floating Rates--1920s," "1930s," "Interwar Period," "Spain--Long Term," "Guatemala--Long Term," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 171-176. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 55-62. [Not bibliographically independent. Part of complete entry in **4. (Purchasing Power Parity)**.]

Between Monetary Regimes [see also **18.**]

"Establishment and Assessment of a Fixed Exchange Rate in Interwar Period," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 177-180. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 63-66. [Not bibliographically independent. Part of complete entry in **4. (Purchasing Power Parity)**.]

Review of Michael D. Bordo and Forrest Capie, eds., *Monetary Regimes in Transition*, in *Journal of Economic History*, Vol. 55, No. 2 (June 1995), pp. 456-457.

Review of David M. Andrews, ed., *Orderly Change: International Monetary Relations since Bretton Woods*. EH.Net Net Book Review Library, September 2008.

Britain and U.S. [see also **18.**, **19.**, **20.**]

"Monetary Standards," in *Between the Dollar-Sterling Gold Points: Exchange Rates, Parities and Market Behavior, 1791-1931*. Cambridge: Cambridge University Press, 1996, Part I, pp. 7-46.

"The U.S. Specie Standard, 1792-1932: Some Monetarist Arithmetic," *Explorations in Economic History*, Vol. 39, No. 2 (April 2002), pp. 113-153. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 185-230, and in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 405-460.

"U.S. Specie Standard, 1792-1932," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 267-268.

"Anglo-American Monetary Standards," "U.S. Specie Standard," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 301-361, 470-472.

7. Foreign-Exchange Market

Dollar-Sterling [see also 19.]

“Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834,” *Journal of Economic History*, XLIII, No. 3 (September 1983), pp. 579-616. [Data source in “Variations from Mint Parity in Sterling Dollar Exchange Rates--1791-1900,” B. R. Mitchell, *British Historical Statistics*. Cambridge: Cambridge University Press, 1988, p. 704.]

"Integration in the American Foreign-Exchange Market, 1791-1900," *Journal of Economic History*, XLV, No. 3 (September 1985), pp. 557-585.

"Exchange Rate," "Gold Points," "External and Internal Integration," in *Between the Dollar-Sterling Gold Points: Exchange Rates, Parities and Market Behavior, 1791-1931*. Cambridge: Cambridge University Press, 1996, Parts II-IV, pp. 47-212.

“Integration in the American Foreign-Exchange Market, 1791-1931,” in Maria Cristina Marcuzzo, Lawrence H. Officer, and Annalisa Rosselli, eds., *Monetary Standards and Exchange Rates*. London: Routledge, 1997, pp. 211-228.

"Dollar-Sterling Parity: 1789-1978," "Dollar-Sterling Exchange Rates: 1791-1914," in Susan B. Carter, Scott Sugmund Gartner, Michael R. Haines, Alan L. Olmstead, Richard Sutch, and Gavin Wright, eds., *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition*, Vol. 5, Part E, Governance and International Relations. New York: Cambridge University Press, 2006, pp. 5-561 - 5-566.

“Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914,” in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets*. Aldershot: Ashgate, 2007, pp. 103-121.

"British Pound," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 36-37.

"Dollar-Sterling Exchange Market," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 462-468.

Canadian

“Does the Canadian Experience Justify a Balanced View of Fixed Versus Fluctuating Exchange Rates?” *Journal of Money, Credit and Banking*, III, No. 2, Part II (May 1971), pp. 363-365.

"Canadian Dollar," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 37-38.

Other

"Bilateral Exchange Rates," "Multilateral Exchange Rates," in Susan B. Carter, Scott Sugmund Gartner, Michael R. Haines, Alan L. Olmstead, Richard Sutch, and Gavin Wright, eds., *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition*, Vol. 5, Part E, Governance and International Relations. New York: Cambridge University Press, 2006, pp. S567-S585.

"Spanish Peso," "Brazilian Milreis," "Austrian Crown," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, p. 38.

General

Review of Richard J. Herring, *Managing Foreign Exchange Risk*, in *Journal of Economic Literature*, XXII, No. 2 (June 1984), pp. 618-620.

Review of Paul Einzig, *The History of Foreign Exchange*. Economic History Classics. EH.Net Book Review Library, January 2006.

Review of Markus A. Denzel, *Handbook of World Exchange Rates, 1590-1914*. EH.Net Book Review Library, December 2010.

Review of Jeffry A. Frieden, *Currency Politics: The Political Economy of Exchange Rate Policy*, in EH.Net Book Review Library, January 2015.

8. Standard of Living [see also 20.]

Labor-Force Participation

"Labour-Force Participation in Canada" (assisted by Peter R. Andersen), *Canadian Journal of Economics*, II, No. 2 (May 1969), pp. 278-287.

"The Cyclical Variability of Labour-Force Participation in Canada: Comment" (assisted by Peter R. Andersen), *Canadian Journal of Economics*, III, No. 1 (February 1970), pp. 145-146.

Consumer Price Index

"An Improved Long-Run Consumer Price Index for the United States," *Historical Methods*, Vol. 40, No. 3 (Summer 2007), pp. 135-147.

"Passengers: Domestic," "[U.S Consumer Price Index] Foreign Travel in the United States," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021, pp. 97-112, 255-258.

Price Indexes; U.S. Travel Overseas, Overland (United Kingdom, Canada), in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021, pp. 254-255.

"Consumer Price Index," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 173-184, 209-212.

Review of Thomas A. Stapleford, *The Cost of Living in America: A Political History of Economic Statistics, 1880-2000*, in *Journal of American History*, Vol. 97, No. 1 (June 2010), pp. 272-273. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 184-185.

Consumer Bundle

"Value of the Consumer Bundle: A Data-Series Set." *Journal of Economic Studies*, Vol. 34, No. 3 (2007), pp. 160-178.

"Value of Consumer Bundle," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 206-209.

Wage

Two Centuries of Compensation for U.S. Production Workers in Manufacturing. New York: Palgrave Macmillan, 2009, 224 pp.

[wage rate for] "Financial Transactions" (U.S., U.K.), in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021, pp. 345-346.

"Compensation of Manufacturing Workers," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 187-203, 213-214.

Terms of Trade

"Structure," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021, pp. 335-343.

"Terms of Trade," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022, pp. 157-172, 205.

9. Balance of Payments

U.S. [see also 20.]

"The Antebellum Slave Trade: Numbers and Impact on the Balance of Payments" (with Samuel H. Williamson), *Research in Economic History* 36 (2020), pp. 181-212.

A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services. Palgrave Macmillan. Switzerland: Springer Nature, 2021, 415 pp.

Review of William H. Branson, *Financial Capital Flows in the U.S. Balance of Payments*, in *Journal of Finance*, XXIV, No. 5 (December 1969), pp. 1017-1018.

Other

"The Covered-Arbitrage Schedule: A Critical Survey of Recent Developments" (with Thomas D. Willett), *Journal of Money, Credit and Banking*, II, No. 2 (May 1970), pp. 247-257.

"The Demand for International Liquidity: A Test of the Square-Root Law," *Journal of Money, Credit and Banking*, VII, No. 3 (August 1976), pp. 325-337.

The Monetary Approach to the Balance of Payments: A Survey (with Mordechai E. Kreinin). Princeton Studies in International Finance No. 43, 1978. International Finance Section, Princeton University, 84 pp.

Review of John F. Kyle, *The Balance of Payments in a Monetary Economy*, in *Kyklos*, Vol. 30, Fasc. 4 (1977), pp. 762-764.

10. Macroeconometric Studies

An Econometric Model of Canada Under the Fluctuating Exchange Rate. Cambridge, MA: Harvard University Press, 1968, 319 pp.

“Econometric Analysis of Policy Choices for an Open Economy” (with John F. Helliwell, Harold T. Shapiro, and Ian A. Stewart), *Review of Economics and Statistics*, LI, No. 4 (November 1969), pp. 383-398.

The Structure of RDXI (with John F. Helliwell, Harold T. Shapiro, and Ian A. Stewart), Bank of Canada Staff Research Studies, No. 3, 1969, 76 pp.

The Dynamics of RDXI (with John F. Helliwell, Harold T. Shapiro, and Ian A. Stewart), Bank of Canada Staff Research Studies, No. 5, 1969, 78 pp.

Supply Relationships in the Canadian Economy: An Industry Comparison (assisted by Peter R. Andersen and David A. Wilton). M.S.U. International Business and Economic Studies. East Lansing: Division of Research, Graduate School of Business Administration, Michigan State University, 1972, 173 pp.

11. Miscellaneous Data Contributions

What Was the Interest Rate Then? A Data Study. MeasuringWorth, 2008, 109 pp.

What Was the Price of Gold Then? A Data Study. MeasuringWorth, 2008, 32 pp.

"Appendix: Population," "Appendix 2: Gross Domestic Investment," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021, pp. 103-107, 347-353.

12. Economic Policy

Canada

“Econometrics and Public Policy” (with Thomas A. Wilson), in *Conference on Stabilization Policies*. Ottawa: Economic Council of Canada, 1966, pp. 197-211.

“Immigration and Emigration,” in *Canadian Economic Problems and Policies*. Toronto: McGraw-Hill Company of Canada Ltd., 1970, pp. 142-156

“Stabilization Policy in the Postwar Period” (with Lawrence B. Smith), in *Canadian Economic Problems and Policies*. Toronto: McGraw-Hill Company of Canada, Ltd., 1970, pp. 8-39.

“Trade-Offs in Stabilization Policy: (with Lawrence B. Smith), in *Issues in Canadian Economics*. Toronto: McGraw-Hill Ryerson Ltd., 1974, pp. 2-24.

Review of Neil Swan and David A. Wilton, eds., *Inflation and the Canadian Experience: Proceedings of a Conference*, in *Journal of Economic Issues*, VI, No. 4 (December 1972), pp. 223-225.

United States

“International Aspects of The President’s New Economic Policy,” *M.S.U. Business Topics*, Vol. 20, No. 1 (Winter 1972), pp. 25-29.

“Let Risk-Taking Financial Institutions Fail” (with Ari J. Officer), *Time*, September 2008.

“Doomsday Warnings of Credit Collapse Are Lies” (with Ari J. Officer), *San Francisco Chronicle*, October 5, 2008, p. G-3.

“Faltering Confidence A Problem Not Easily Solved by Fed,” *UIC News*, November 12, 2008, p. 7.

“Fighting the Last Depression: The Fed’s Policy Errors” (with Ari J. Officer), *Time*, December 2008.

“Topical Insight: Bailouts,” in *The New Palgrave Dictionary of Economics Online*. Palgrave Macmillan, 2008.

Review of James C. Miller III, et al., *Why the Draft? The Case for a Volunteer Army*, in *Public Choice*, V (Fall 1968), pp. 127-129.

Review of Alfred K. Ho, ed., *Economic Policies in the 1970’s*, in *The Michigan Academician*, V, No. 2 (Fall, 1972), pp. 267-269.

13. International Organizations

Financing

“Are International Monetary Fund Quotas Unfavorable to Less-Developed Countries? A Normative Historical Analysis,” *Journal of International Money and Finance*, Vol. 10, No. 2 (June 1991), pp. 193-213. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 77-100.

“An Assessment of the United Nations Scale of Assessments from a Developing-Country Standpoint,” *Journal of International Money and Finance*, Vol. 13, No. 4 (August 1994), pp. 415-428. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 101-116.

“An Assessment of the United Nations Scale of Assessments, 1946-1994,” in D. S. Prasada Rao and Jorge Salazar-Carrillo, eds., *International Comparisons of Prices, Output and Productivity*. Amsterdam: Elsevier Science B.V., 1996, pp. 143-176. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, pp. 117-142.

[Financing of International Organizations] "Afterword to Part II," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, Part II, pp. 143-162.

Other

"International Monetary Fund" (and other entries), in *Economic 73/74 Encyclopedia*. Guilford, CT: The Dushkin Publishing Group, Inc., 1973, pp. 122, various.

"An Insider's History of the International Monetary Fund: A Review Article," *Journal of Economic Issues*, XII, No. 3 (September 1978), pp. 677-686.

“The Differential Use of IMF Resources by Industrial, Other Developed, and Less Developed Countries: A Historical Approach,” *Journal of Developing Areas*, Vol. 16, No. 3 (April 1982), pp. 401-420. Reprinted in United States Information Agency, *Portfolio: International Economic Perspectives*, Vol. 10, No. 1.

“The International Monetary Fund,” in Frank J. Macchiarola, ed., *International Trade: The Changing Role of the United States*. New York: Academy of Political Science, 1990, pp. 28-36. Review of Paul Mosley, Jane Harrigan, and John Toye, *Aid and Power: The World Bank and Policy-Based Lending*, in *Journal of Developing Areas*, Vol. 26, No. 4 (July 1992), pp. 521-524.

14. Educational

So You Have to Write an Economics Term Paper . . . (with Daniel H. Saks and Judith A. Saks). East Lansing, MI: Division of Research, Graduate School of Business Administration, Michigan State University, 1980, and Michigan State University Press, 1981, 149 pp.

“The New World of Economics: A Review Article” (with Leanna Stiefel), *Journal of Economic Issues*, X, No. 1 (March 1976), pp. 149-158. Reprinted in Warren J. Samuels, ed. *The Chicago School of Political Economy*. East Lansing, MI: Division of Research, Graduate School of Business Administration, Michigan State University, 1976, and New Brunswick, NJ: Transaction Publishers, 1993, pp. 459-468.

“International Economics” and “Purchasing Power Parity,” in Jonathan Michie, ed., *Reader's Guide to the Social Sciences*. London: Fitzroy Dearborn Publishers, 2001, pp. 838-840, 1359-1361.

“Bland-Allison Act (1878),” “Coinage Act of 1792,” “Coinage Acts,” “Gold Reserve Act of 1934.” In Brian K. Landsberg, ed., *Major Acts of Congress*. New York: Macmillan Reference USA, 2004, vol. 1 pp. 64-66, 131-138; vol. 2, pp. 138-140.

“Better Measurements of Worth” (with Samuel H. Williamson), *Challenge*, Vol. 49, No. 4 (July/August 2006), pp. 86-110.

“Winston Churchill” and “Rates of Exchange.” In John J. McCusker, ed., *History of World Trade since 1450*. New York: Macmillan Reference USA, 2006, pp. 130-131, 619-621.

Everyday Economics: Honest Answers to Tough Questions. New York: Palgrave Macmillan, 2009, 203 pp.

[Translated into Chinese (traditional characters) by Jiang Yuzhen; Taipei: Wealth Press, 2009, 271 pp. Translated into Chinese (simplified characters) by Cao Bin; Beijing: CITIC Press, 2010, 240 pp. Translated into German by Petra Pyka; Kulmbach: Börsenbuchverlag, 2013, 238 pp.]

“Exchange Rates,” in Susan B. Carter, Scott Sugmund Gartner, Michael R. Haines, Alan L. Olmstead, Richard Sutch, and Gavin Wright, eds., *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition*, Vol. 5, Part E, Governance and International Relations. New York: Cambridge University Press, 2006, pp. S448-S451.

15. International Economics--General

Review of Richard E. Caves and Harry G. Johnson, eds., *Readings in International Economics*, in *Kyklos*, XXII, Fasc. 1 (1969), pp. 167-168.

Review of J. Marcus Fleming, *Essays in International Economics*, in *Kyklos*, XXV, Fasc. 3 (1972), pp. 637-638.

Review of Willy Sellekaerts, ed., *International Trade and Finance: Essays in Honor of Jan Tinbergen*, in *Kyklos*, Vol. 28, Fasc. 4 (1975), pp. 947-948.

Review of Robert M. Stern, *The Balance of Payments: Theory and Economic Policy*, in *Journal of Finance*, XXXI, No. 4 (September 1976), pp. 1260-1262.

Review of Vladimir Pertot, *International Economics of Control*, in *Kyklos*, XXVI, Fasc. 2 (1973), pp. 449-451.

Review of H. W. Arndt, *Essays in International Economics 1944-1994*, in *Economic Development and Cultural Change*, Vol. 46, No. 3 (April 1998), pp. 639-644.

Review of Claude Diebolt and Michael Hauptert, eds. *Handbook of Cliometrics*, in *Journal of Economic History*, Vol. 77, No. 4 (November 2017), pp. 1260-1262.

16. Development and Growth

Review of Theodore Morgan and Nyle Spoelstra, eds., *Economic Interdependence in Southeast Asia*, in *Growth and Change*, Vol. 1, No. 4 (October 1970), p. 47.

Review of Angus Maddison, *Economic Progress and Policy in Developing Countries*, and H. Myint, *Economic Theory and the Underdeveloped Countries*, in *Growth and Change*, Vol. 3, No. 1 (January 1972), pp. 48-50.

Review of *North-South: A Program for Survival, Report of the Independent Commission on International Development Issues*, in *Journal of Developing Areas*, Vol. 15, No. 4 (July 1981), pp. 686-688.

Review of *Towards One World? International Responses to the Brandt Report and Handbook of World Development: The Guide to the Brandt Report*, in *Journal of Developing Areas*, Vol. 17, No. 4 (July 1983), pp. 557-559.

Review of Chris C. Carvounis, *The Debt Dilemma of Developing Nations: Issues and Cases*, in *Journal of Developing Areas*, Vol. 20, No. 1 (October 1985), pp. 133-135.

Review of Graham Bird, *International Financial Policy and Economic Development: A Disaggregated Approach*, in *Journal of Developing Areas*, Vol. 21, No. 4 (July 1987), pp. 513-515.

Review of Diana Tussie, *The Less Developed Countries and the World Trading System: A Challenge to the GATT*, in *Economic Development and Cultural Change*, Vol. 37, No. 3 (April 1989), pp. 668-672.

Review of Sebastian Edwards, *Exchange Rate Misalignment in Developing Countries*, in *Economic Development and Cultural Change*, Vol. 39, No. 3 (April 1991), pp. 686-688.

Review of Sebastian Edwards, *Real Exchange Rates, Devaluation, and Adjustment: Exchange Rate Policy in Developing Countries*, in *Economic Development and Cultural Change*, Vol. 39, No. 4 (July 1991), pp. 902-906.

Review of G. K. Helleiner, *The New Global Economy and the Developing Countries: Essays in International Economics and Development*, in *Economic Development and Cultural Change*, Vol. 40, No. 3 (April 1992), pp. 665-670.

Review of Richard P. C. Brown, *Public Debt and Private Wealth: Debt, Capital Flight and the IMF in Sudan*, in *Studies in Comparative International Development*, Vol. 28, No. 1 (Spring 1993), pp. 86-87.

Review of Sri Ram Khanna, *International Trade in Textiles: MFA Quotas and a Developing Exporting Country*, in *Economic Development and Cultural Change*, Vol. 42, No. 2 (January 1994), pp. 450-456.

Review of I. M. D. Little, Richard N. Cooper, W. Max Corden, and Sarath Rajapatirana, *Boom, Crisis, and Adjustment: The Macroeconomic Experience of Developing Countries*, in *Journal of Developing Areas*, Vol. 29, No. 3 (April 1995), pp. 428-429.

Review of David Greenaway and Chris Milner, *Trade and Industrial Policy in Developing Countries: A Manual of Policy Appraisal*, and Wontack Hong, *Trade and Growth: A Korean Perspective*, in *Economic Development and Cultural Change*, Vol. 45, No. 2 (January 1997), pp. 443-45.

Review of Pan A. Yotopoulos, *Exchange Rate Parity for Trade and Development: Theory, Tests, and Case Studies*, in *Economic Development and Cultural Change*, Vol. 46, No. 4 (July 1998), pp. 866-871.

Review of Jay R. Mandle, *Globalization of the Poor*, in *Economic Development and Cultural Change*, Vol. 53, No. 2 (January 2005), pp. 532-535.

Review of Jon Cohen and Giovanni Federico, *The Growth of the Italian Economy, 1820-1960*, in *Financial History Review*, Vol. 12, No. 1 (April 2005), pp. 114-116.

17. Regionalism and Globalism

Review of Edward R. Fried and Charles L. Schultze, eds., *Higher Oil Prices and the World Economy: The Adjustment Problem*, in *Journal of Economic Issues*, XI, No. 1 (March 1977), pp. 148-150.

Review of L. N. Rangarajan, *Commodity Conflict: The Political Economy of International Commodity Negotiations*, in *Journal of Economic Issues*, XIII, No. 1 (March 1979), pp. 268-271.

Review of Ronald I. McKinnon, *Money in International Exchange: The Convertible Currency System*, in *Journal of Money, Credit and Banking*, XII, No. 3 (August 1980), pp. 562-564.

Review of Richard N. Cooper, *Economic Policy in an Interdependent World: Essays in World Economics*, in *Journal of Comparative Economics*, Vol. 12, No. 2 (June 1988), pp. 271-272.

Review of William James Adams, ed., *Singular Europe: Economy and Polity of the European Community after 1992*, in *Journal of Comparative Economics*, Vol. 19, No. 2 (October 1994), pp. 274-275.

Review of Jonathan Kirshner, *Currency and Coercion: The Political Economy of International Monetary Power*, in *Journal of Economic History*, Vol. 56, No. 4 (December 1996), pp. 966-968.

Review of Michael C. Webb, *The Political Economy of Policy Coordination: International Adjustment since 1945*, in *Journal of Economic History*, Vol. 57, No. 2 (June 1997), pp. 582-584.

Review of Kenichi Ohmae, *The End of the Nation State: The Rise of Regional Economics*, in *Economic Development and Cultural Change*, Vol. 46, No. 1 (October 1997), pp. 210-13.

Review of Eric Helleiner, *The Making of National Money: Territorial Currencies in Historical Perspective*. EH.Net Net Book Review Library, September 2003.

Review of Kurt Schuler, *Currency Boards and Dollarization* (website). EH.Net Net Book Review Library, November 2003.

Review of John F. Chown, *A History of Monetary Unions*. EH.Net Net Book Review Library, August 2004.

Review of Lars Jonung and Jürgen Nautz, editors, *Conflict Potentials in Monetary Unions*. EH.Net Book Review Library, April 2007.

18. Purchasing Power Parity (PPP)--Topics

[Not bibliographically independent. Incorporates elements of **3. Trade and Tariffs: Other**, **4. History of Thought: Purchasing Power Parity**, **5. Purchasing Power Parity: Empirical Studies**, **6. Monetary Systems: Paper, Between Monetary Regimes, Britain and U.S.**]

Absolute PPP

History of Thought

"Origins of the Purchasing-Power-Parity Theory," "Absolute Price Parity," "Cassel's Recognized Limitations of Purchasing Power Parity," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 5-8, 9-10.

"Evolution of PPP Theory," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance*, pp. 25-102.

"The Purchasing-Power-Parity Theory of Gerrard de Malynes," *History of Political Economy*, Vol. 14, No. 2 (Summer 1982), pp. 256-259. Reprinted in Mark Blaug, ed., *The Early Mercantilists*. Hants, England: Edward Elgar Publishing Limited, 1991, pp. 288-291.

"Salamanca School, "Tudor Period," "Gustav Cassel," "Salamanca and Gerard Malynes," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 3-11, 15-41, 77-79.

Modern Exposition

"A Model of Factor Price Equalization and the Equilibrium Exchange Rate," "The Weighting Problem," in "Purchasing Power Parity and Factor Price Equalization," *Kyklos*, XXVII, Fasc. 4 (1974), pp. 868-873. Reprinted in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 200-205.

"Methodology," "Cost Parity," "Index-Number Problems," "Absolute Parity," "Cost Parity," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 2-5, 10-20, 22-24.

"Methodology of Purchasing Power Parity," "Absolute Price Parity," "Cost Parity," "Forward Exchange Rate," "Index-Number Problems," "Absolute Price Parity," "Cost Parity," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 5-22, 105-114, 122-128, 131-133.

"Purchasing-Power-Parity Theory," in "Purchasing Power Parity: From Ancient Times to World War II," in *EH.Net Encyclopedia*, 2006, pp. 4-14.

"Categorization of Purchasing-Power-Parity Theories," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 162-163. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 44-45.

Use

assess economic integration

"Ancient Period," "Medieval Period," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 25-29.

"Historical Application of PPP: Pre-Modern Periods," in "Purchasing Power Parity: From Ancient Times to World War II," in *EH.Net Encyclopedia*, 2006, pp. 14-17.

"Historical Application of PPP: Premodern Periods," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 163-165. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 45-47.

elucidate bullionism controversy

"Bullionist and Antibullionist Models," in "The Bullionist Controversy: A Time-Series Analysis," *International Journal of Finance and Economics*, Vol. 5, No. 3 (July 2000), pp. 198-201. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History* (2007), pp. 166-170.

"Bullionist, Anti-Bullionist, and Country-Bank Models," "Extension to Country Banks," in "Bullionist Controversies (Empirical Evidence)," in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition. Houndmills and New York: Palgrave, Macmillan, 2008, vol. 1, pp. 598-600; reprinted in third edition (online). Also reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 366-371.

decompose exchange-market pressure

"Exchange Market Pressure Model," in "The U.S. Specie Standard, 1792-1932: Some Monetarist Arithmetic," *Explorations in Economic History*, Vol. 39, No. 2 (April 2002), pp. 133-134. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History* (2007), pp. 203-204, and in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 427-428.

Extensionslaw of one price

"The Law of One Price Cannot Be Rejected: Two Tests Based on the Tradable/Nontradable Price Ratio," *Journal of Macroeconomics*, Vol. 8, No. 2 (Spring 1986), pp. 159-182. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 101-124.

"The Law of One Price: Two Levels of Aggregation," in Thomas Grennes, ed., *International Financial Markets and Agricultural Trade*. Boulder, Colorado: Westview Press, 1990, pp. 10-49.

"Law of One Price," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 149-150.

national price level

"International Differences in the Internal Price Ratio," "Investigation of the Movement of Internal Price Ratios," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," International Monetary Fund *Staff Papers*, XXIII, No. 1 (March 1976), pp. 33-38, 49-50.

“The Productivity Bias in Purchasing Power Parity: An Econometric Investigation,” *International Monetary Fund Staff Papers*, XXIII, No. 3 (November 1976), pp. 545-579. Reprinted in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 211-246.

“New Measures of Prices and Productivity for Tradable and Nontradable Goods” (with Morris Goldstein), *Review of Income and Wealth*, Series 25, No. 4 (December 1979), pp. 413-427.

"Tests of the Validity of the Absolute PPP Theory," "Investigations of Movements of the Nontradable/Tradable Price Ratio," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 162-172, 192-193.

“The National Price Level: Theory and Estimation,” *Journal of Macroeconomics*, Vol. 11, No. 3 (Summer 1989), pp. 351-373. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 125-147.

"National Price Level," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 150-153.

Empirical Testing

"Balassa's Test of the Model," "An Alternative Test of the Model," "Concluding Comments," in "Purchasing Power Parity and Factor Price Equalization," *Kyklos*, XXVII, Fasc. 4 (1974), pp. 873-878. Reprinted in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 205-210.

"Alternative Computations of Exchange Rate Disequilibrium," "Cost Parity," in “The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article,” *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 38-39, 50-51.

"Other Studies," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022) p. 79.

Relative PPP

History of Thought

"Relative Price Parity," in “The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article,” *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 8-9.

“The Relationship Between the Absolute and the Relative PPP Theory of Cassel,” *History of Political Economy*, Vol. 14, No. 2 (Summer 1982), pp. 251-255.

"Relative PPP Theory" in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 31-32.

Modern Exposition

"Methodology," "Relative Parity," "Residual Validity of Purchasing Power Parity," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 2-5, 20-22, 24-26.

[Introduction], "Proof That the Restated PPP Theory Is Not a Truism," in "The Relationship Between Absolute and Relative Purchasing Power Parity," *Review of Economics and Statistics*, LX, No. 4 (November 1978), pp. 562-563. Reprinted in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 247-250, and in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 85-88.

"Relative Price Parity," "Expectations," "Index-Number Problems," "Relative Price Parity," "Residual Validity of Purchasing Power Parity," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 108-109, 114-117, 119-122, 128-131, 133-135.

"Purchasing-Power-Parity Theory," in "Purchasing Power Parity: From Ancient Times to World War II," in *EH.Net Encyclopedia*, 2006, pp. 6-14.

Use

estimate domestic price level

"Classical Quantity Theory," in "The Quantity Theory in New England, 1703-1749: New Data to Analyze an Old Question," *Explorations in Economic History*, Vol. 42, No. 1 (January 2005), pp. 105-107 114. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History* (2007), pp. 234-236, 242.

"Price level," in "Quantity Theory in New England, 1703-1749 (Chapter 12)," in *Pricing Theory, Financing of International Organizations and Monetary History* (2007), pp. 268-270.

analyze resumption to gold standard

"Relationship of Results to the Historical Literature," in "The Floating Dollar in the Greenback Period: A Test of Theories of Exchange-Rate Determination," *Journal of Economic History*, XLI, No. 3 (September 1981), pp. 644-650.

"Analysis of U.S. Return to Gold Standard in 1879," in "Purchasing-Power-Parity Theory," in "Purchasing Power Parity: From Ancient Times to World War II," in *EH.Net Encyclopedia*, 2006, pp. 62-63.

"Analysis of U.S. Return to Gold Standard in 1879," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, p. 177. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 62-63.

measure exchange-rate disequilibrium

"Measuring the Disequilibrium of a Pegged Exchange Rate," "Measuring the Disequilibrium of a Floating Exchange Rate," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," International Monetary Fund *Staff Papers*, XXIII, No. 1 (March 1976), pp. 28-31.

"Measuring the Disequilibrium of a Fixed Exchange Rate," "Measuring the Disequilibrium of a Floating Exchange Rate," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 144-148.

set new exchange rate

"Use by Policymakers," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," International Monetary Fund *Staff Papers*, XXIII, No. 1 (March 1976), pp. 26-28.

"Setting a New Exchange Rate," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 141-144.

"Establishment and Assessment of a Fixed Exchange Rate in Interwar Period," in "Purchasing Power Parity: From Ancient Times to World War II," in EH.Net *Encyclopedia*, 2006, pp. 63-67.

"Establishment and Assessment of a Fixed Exchange Rate in Interwar Period," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 177-180. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 63-66.

compute real exchange rate

"Calculating Par Value Changes in Real Terms," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," International Monetary Fund *Staff Papers*, XXIII, No. 1 (March 1976), pp. 31-32.

"Calculating Real Exchange Rates," "Investigations of the Real Exchange Rate," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 148-150, 191-192.

assess exchange-rate policies of state-trading economies

"Assessing the Rationality of Exchange Rate Policies of State-Trading Economies," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 32-33.

"Assessing the Rationality of Exchange-Rate Policies of State-Trading Economies," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 150-152.

other

"Forecasting Exchange Rates," "Firms' Accounting Practices," "Guide to Intervention Policy," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 152-157.

Empirical Testing

"Relative Price Parity," in "The Purchasing-Power-Parity Theory of Exchange Rates: A Review Article," *International Monetary Fund Staff Papers*, XXIII, No. 1 (March 1976), pp. 39-49.

"Alternative Price-Level Concepts of PPP," "Empirical Analysis of the Strong PP and Naive Models," "Empirical Analysis of the Weak PPP and Naive Models," in "The Relationship Between Absolute and Relative Purchasing Power Parity," *Review of Economics and Statistics*, LX, No. 4 (November 1978), pp. 563-568. Reprinted in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 250-260, and in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 88-100.

"Effective Exchange Rates and Price Ratios Over the Long Run: A Test of The Purchasing-Power-Parity Theory," *Canadian Journal of Economics*, XIII, No. 2 (May 1980), pp. 206-230. Reprinted in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 261-285.

"Exchange-Rate Theories," "Results of Testing Theories," in "The Floating Dollar in the Greenback Period: A Test of Theories of Exchange-Rate Determination," *Journal of Economic History*, XLI, No. 3 (September 1981), pp. 636-644.

"Tests of the Validity of the Relative PPP Theory," in *Purchasing Power Parity and Exchange Rates: Theory, Evidence and Relevance* (1982), pp. 173-190.

"Methodology of Testing PPP Theory," "Modern Period: Testing of PPP," in "Purchasing-Power-Parity Theory," in "Purchasing Power Parity: From Ancient Times to World War II," in *EH.Net Encyclopedia*, 2006, pp. 17-62.

"Techniques of Testing PPP Theory in Economic History Literature," "Price Variable in PPP Computations," "Modern Period: Testing of PPP," in "Purchasing Power Parity in Economic History," in Jessica James, Ian W. Marsh, and Lucio Sarno, eds., *Handbook of Exchange Rates*. Hoboken, NJ: Wiley, 2012, pp. 165-176. Reprinted in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 48-62.

"Other Studies," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards* (2022), pp. 79-80.

19. Dollar-Sterling Foreign-Exchange Market--Topics

[Not bibliographically independent. Incorporates elements of **6. Monetary Systems: Gold, Britain and U.S.**, **7. Foreign-Exchange Market: Dollar-Sterling** (reverse chronology).]

Monetary Standard

American

"American Monetary Standard," in *Between the Dollar-Sterling Gold Points* (1996), pp. 11-33. Reprinted in *Essays in Economic History* (2022), pp. 303-339, 359-361.

"American Monetary Standard, 1791-1913," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983), pp. 580-587.

British

"British Monetary Standard," in *Between the Dollar-Sterling Gold Points* (1996), pp. 32, 34-46. Reprinted in *Essays in Economic History* (2022), pp. 341-361.

"British Monetary Standard, 1791-1913," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983), pp. 587-589.

Integration

Exchange Market

"Exchange-Market Integration," in *Essays in Economic History* (2022), pp. 464, 466.

"Overall Temporal Integration," "Geographic Integration," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), pp. 109-111, 114-116.

"Exchange Market Pressure Model," in "The U.S. Specie Standard, 1792-1932: Some Monetarist Arithmetic," *Explorations in Economic History*, Vol. 39, No. 2 (April 2002), pp. 133-136. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History* (2007), pp. 203-206, and in *Essays in Economic History* (2022), pp. 427-430.

"Exchange-Rate Variation Approach to Exchange-Market Integration," "Determinants of External and Internal Integration," in "Integration in the American Foreign-Exchange Market, 1791-1931," in Maria Cristina Marcuzzo, Lawrence H. Officer, and Annalisa Rosselli, eds., *Monetary Standards and Exchange Rates* (1997), pp. 211-214, 224.

"Exchange-Market Integration," in *Between the Dollar-Sterling Gold Points* (1996), pp. 99-104.

"Exchange-Market Integration in the Literature," "Exchange-Rate Variation," "Analysis of Market Integration, 1791-1900," in "Integration in the American Foreign-Exchange Market, 1791-1900," in *Journal of Economic History*, XLV, No. 3 (September 1985), pp. 561, 567-568, 579.

"Gold-Point Stability," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983), pp. 603, 606-609.

External

"Exchange-Market Integration," in *Essays in Economic History* (2022), pp. 466-468.

"External Integration," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), p. 114.

"Gold-Point Spread Approach to Exchange-Market Integration," "Determinants of External and Internal Integration," in "Integration in the American Foreign-Exchange Market, 1791-1931," in Maria Cristina Marcuzzo, Lawrence H. Officer, and Annalisa Rosselli, eds., *Monetary Standards and Exchange Rates* (1997), pp. 214-217, 224.

"External Integration," in *Between the Dollar-Sterling Gold Points* (1996), pp. 179-186.

"A Model of Exchange-Market Integration," "Analysis of Market Integration, 1791-1900," "Conclusion," in "Integration in the American Foreign-Exchange Market, 1791-1900," *Journal of Economic History*, XLV, No. 3 (September 1985), pp. 561-562, 575-582.

Internal

"Exchange-Market Integration," "Criticisms," in *Essays in Economic History* (2022), pp. 467-469.

"Stabilizing Speculation," in "International Monetary Regimes: The Gold Standard," in Stefano Battilossi, Youssef Cassis and Kazuhiko Yago, *Handbook of the History of Money and Currency* (2019), pp. 621-622. Reprinted in *Essays in Economic History* (2022), pp. 275-277.

"Reason for Stability: Credible Commitment to Convertibility," "Implications of Credible Commitment," in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition (2008), vol. 3, pp. 697-698; reprinted in third edition (online). Also reprinted in *Essays in Economic History* (2022), pp. 224-226.

"Internal Temporal Integration," "Placement Integration," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), pp. 116-121.

"A Model of Internal and External Integration, "Importance of Internal versus External Integration," "Determinants of External and Internal Integration," in "Integration in the American Foreign-Exchange Market, 1791-1931," in Maria Cristina Marcuzzo, Lawrence H. Officer, and Annalisa Rosselli, eds., *Monetary Standards and Exchange Rates* (1997), pp. 217-227.

"Internal Integration," in *Between the Dollar-Sterling Gold Points* (1996), pp. 187-212.

"Stability of the Exchange Rate," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp. 117-118.

"An Alternative Approach," in "The Efficiency of the Dollar-Sterling Gold Standard, 1890-1908," *Journal of Political Economy*, Vol. 94, No. 5 (October 1986), pp. 1070-1071.

"A Model of Exchange-Market Integration," "Analysis of Market Integration, 1791-1900," "Conclusion," in "Integration in the American Foreign-Exchange Market, 1791-1900," *Journal of Economic History*, XLV, No. 3 (September 1985), pp. 562, 575-576, 578-579, 582.

Market Efficiency

Methodology

"Definition of Exchange-Market Efficiency Under a Gold Standard," "Tests of Exchange-Market Efficiency," "Selection of Arbitrage and Speculation Operations," "Unit of Observation," "Sample Periods," in *Between the Dollar-Sterling Gold Points* (1996), pp. 215-221, 230-232.

Introduction, "Market Efficiency: Theory," in "Market Efficiency and Regime Efficiency under the 1925-31 Dollar-Sterling Gold Standard," in Tamim Bayoumi, Barry Eichengreen, and Mark Taylor, eds., *Modern Perspectives on the Gold Standard* (1996), pp. 101-102.

"Methodology of Testing for Efficiency," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp. 104-105.

"Definition of Exchange-Market Efficiency," "Desirable Properties of the Concept of Gold-Standard Efficiency," "Efficiency Concepts in the Literature," "Solved and Unresolved Issues in the Empirical Literature," in "The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890-1906," *Journal of Economic History*, XLIX, No. 1 (March 1989), pp. 2-5, 20-23.

Gold-Point Arbitrage

"International Gold Standard," "Stability of Gold Standard," in "International Monetary Regimes: The Gold Standard," in Stefano Battilossi, Youssef Cassis and Kazuhiko Yago, *Handbook of the History of Money and Currency* (2019), pp. 608-611, 618-621. Reprinted in *Essays in Economic History* (2022), pp. 259-262, 272-275.

"Gold-Point Arbitrage," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), pp.111-112.

"Gold Points: Theory and Practice," "Gold-Point Arbitrage," "Gold-Point Arbitrage," in *Between the Dollar-Sterling Gold Points* (1996), pp. 107-116, 221-223, 233-240.

"Gold-Import Arbitrage," "Gold-Export Arbitrage," "Market Efficiency: Parameters and Data," "Market Efficiency: Results," in "Market Efficiency and Regime Efficiency under the 1925-31 Dollar-Sterling Gold Standard," in Tamim Bayoumi, Barry Eichengreen, and Mark Taylor, eds., *Modern Perspectives on the Gold Standard* (1996), pp. 102-103, 105-106, 108-109, 110.

"A Model of GPA Efficiency," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp. 99-101, 108-109, 118-119.

"Arbitrage Specific to the Gold Standard," in "The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890-1906," *Journal of Economic History*, XLIX, No. 1 (March 1989), pp. 5-12.

"Approach to Gold Standard Efficiency," "Gold Point Violations," "Gold Flow Analysis," "Limitations of Approach," in "The Efficiency of the Dollar-Sterling Gold Standard, 1890-1908," *Journal of Political Economy*, Vol. 94, No. 5 (October 1986), pp. 1039-1041, 1055-1064, 1068-1070.

"Exchange-Market Integration in the Literature," in "Integration in the American Foreign-Exchange Market, 1791-1900," in *Journal of Economic History*, XLV, No. 3 (September 1985), p. 560.

Interest Arbitrage and Forward Speculation

"Uncovered Interest Arbitrage," "Covered Interest Arbitrage," "Forward Speculation," "Interest Arbitrage and Forward Speculation," in *Between the Dollar-Sterling Gold Points* (1996), pp. 223-229, 240-251.

"Uncovered Interest Arbitrage," "Covered Interest Arbitrage," "Forward Speculation," "Efficiency Bands," "Market Efficiency: Parameters and Data," "Market Efficiency: Results," in "Market Efficiency and Regime Efficiency under the 1925-31 Dollar-Sterling Gold Standard," in Tamim Bayoumi, Barry Eichengreen, and Mark Taylor, eds., *Modern Perspectives on the Gold Standard* (1996), pp. 103-105, 106-113.

"A Model of UIA Efficiency," "Variables and Parameters Specific to UIA," "Appendix B: After-Tax Profit from UIA," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp.101-119, 124-125.

"A Test for Interest Rate Parity," in "The Efficiency of the Dollar-Sterling Gold Standard, 1890-1908," *Journal of Political Economy*, Vol. 94, No. 5 (October 1986), p. 1072.

Regime Efficiency [see also **Integration: Internal**]

"Market and Regime Efficiency," in *Essays in Economic History* (2022), p. 469.

"Government Policies that Enhanced Gold-Standard Stability," in "International Monetary Regimes: The Gold Standard," in Stefano Battilossi, Youssef Cassis and Kazuhiko Yago, *Handbook of the History of Money and Currency* (2019), pp. 622-624. Reprinted in *Essays in Economic History* (2022), pp. 277-279.

"Government Policies that Enhanced Stability," in Steven N. Durlauf and Lawrence E. Blume, eds., *The New Palgrave Dictionary of Economics*, second edition (2008), vol. 3, pp. 698-699; reprinted in third edition (online). Also reprinted in *Essays in Economic History* (2022), p. 227.

"Market Forces," "Policy Variables," "Net Outcome," in *Between the Dollar-Sterling Gold Points* (1996), pp. 255-276.

Introduction, "Regime Efficiency under Market Efficiency," "Regime Efficiency: Market Forces," "Regime Efficiency: Policy Variables," "Regime Efficiency: Net Outcome," "Appendix: Data on Exchange Market Intervention," in "Market Efficiency and Regime Efficiency under the 1925-31 Dollar-Sterling Gold Standard," in Tamim Bayoumi, Barry Eichengreen, and Mark Taylor, eds., *Modern Perspectives on the Gold Standard* (1996), pp.101-102, 114-124.

"Speculation Specific to the Gold Standard," "A General Model of Gold-Standard Efficiency," "Selection of Sample Periods," in "The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890-1906," "Gold-Standard Efficiency versus Bretton Woods Efficiency,"

"Appendix," in *Journal of Economic History*, XLIX, No. 1 (March 1989), pp. 12-20, 23-27, 33-37.

Data [see also **20.**]

Parity

"Parity," in *Essays in Economic History* (2022), p. 463.

"Mint Parity," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), pp. 103-105.

"Dollar-Sterling Parity: 1789-1978," in *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition* (2006), pp. 5-561 - 5-563.

"Parity," in *Between the Dollar-Sterling Gold Points* (1996), pp. 49-59.

"Dollar-Sterling Parity, 1791-1913," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983), pp. 589-596.

Exchange Rate

"Exchange Rate," in *Essays in Economic History* (2022), pp. 463-465.

"British Pound," in *A New Balance of Payments for the United States* (2021), pp. 36-37.

"Foreign-Exchange Market, "Exchange Rate," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), pp. 105-109.

"Dollar-Sterling Exchange Rates: 1791-1914," in *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition* (2006), pp. 5-563 - 5-566.

"Exchange Rate," in "The U.S. Specie Standard, 1792-1932: Some Monetarist Arithmetic," *Explorations in Economic History*, Vol. 39, No. 2 (April 2002), p. 148. Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History* (2007), p. 219, and in *Essays in Economic History* (2022), p. 446.

"Exchange-Rate Data," in *Between the Dollar-Sterling Gold Points* (1996), pp. 60-98.

"Exchange Rates," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp. 107, 119.

"The Data: Exchange Rates," in "The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890-1906," *Journal of Economic History*, XLIX, No. 1 (March 1989), pp. 26-27.

"The Data: Exchange Rate Series," "Appendix: Construction of Exchange-Rate Series," in "Integration in the American Foreign-Exchange Market, 1791-1900," *Journal of Economic History*, XLV, No. 3 (September 1985), pp. 559-560, 562-567, 582-585.

"Exchange-Rate Series," "Gold-Point Stability," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983), pp. 596-607, 610-616.

Gold Points

"Gold Points," "Criticisms," in *Essays in Economic History* (2022), pp. 465-467, 469.

"Gold-Point Data," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007), pp. 112-113.

"Gold-Point Estimates," in *Between the Dollar-Sterling Gold Points* (1996), pp. 117-176.

"Gold Points," "Components of GPA Cost," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993), pp. 105, 120-124.

"The Data: Gold Points, 1890-1906," "The Data: Parity Points, 1950 to 1966," in "The Remarkable Efficiency of the Dollar-Sterling Gold Standard, 1890-1906," *Journal of Economic History*, XLIX, No. 1 (March 1989), pp. 27-33, 38-41.

"Costs of Gold Arbitrage," "Explanations of Gold Standard 'Inefficiencies,'" in "The Efficiency of the Dollar-Sterling Gold Standard, 1890-1908," *Journal of Political Economy*, Vol. 94, No. 5 (October 1986), pp. 1041-1056, 1064-1068.

"The Data: Specie Points in the 1790s and 1820s," "The Data: Gold Points in 1881-1900," in "Integration in the American Foreign-Exchange Market, 1791-1900," *Journal of Economic History*, XLV, No. 3 (September 1985), pp. 568-575.

20. Created Time Series--Displayed (Table or Graph)

[Not bibliographically independent. Except if otherwise stated, series pertains exclusively to United States.]

Standard of Living

Consumer Price Index

Series: U.S.-resident / foreign-traveler, components (food, alcohol, rent, local transportation, intercity transportation)

Time Span: 1774-2005 / 1790-1919

Frequency: annual

Denomination: 1982-84 = 100 / 1919 = 1

References: "An Improved Long-Run Consumer Price Index for the United States," *Historical Methods*, Vol. 40, No. 3 (Summer 2007). "Passengers: Domestic," "[U.S Consumer Price Index] Foreign Travel in the United States," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*.

Palgrave Macmillan. Switzerland: Springer Nature, 2021. Consumer Price Index," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022.

Display: Table--2007, pp. 142-145; 2022, pp. 210-212 / Table--2022, pp. 177-180. Graph--2021, pp. 255, 258.

Consumer Price Index: Canada and U.K.

Series: U.S. travel overseas (U.K.), U.S. travel overland (Canada)

Time Span: 1790-1919

Frequency: annual

Denomination: 1919 = 1

Reference: "U.S. Travel Overseas (United Kingdom, U.S. Travel Overland (Canada)," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Graph--2021. p. 255.

Consumer Bundle

Series: value of consumer bundle, number of consumer units, average size of consumer unit

Time Span: 1900-2004

Frequency: annual

Denomination: dollars, thousands, number of persons

References: "Value of the Consumer Bundle: A Data-Series Set." *Journal of Economic Studies*, Vol. 34, No. 3 (2007). "Value of Consumer Bundle," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022.

Display: Table--2007, pp. 170-172; 2022, pp. 206-208.

Terms of Trade

Series: goods, services, goods and services

Time Span: 1790-1919

Frequency: annual

Denomination: 1790 = 100

References: "Structure," in *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021. "Terms of Trade," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022.

Display: Table--2022, pp. 159-162. Graph--2021, p. 341.

Wage of Production Workers

Series: total compensation (nominal, real), earnings, benefits

Time Span: 1800-2006

Frequency: annual

Denomination: dollars per work-hour, 1982-84 dollars per work-hour

References: *Two Centuries of Compensation for U.S. Production Workers in Manufacturing*. New York: Palgrave Macmillan, 2009. "Compensation of Manufacturing Workers," in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022.

Display: Table--2009, pp.166-168, 170; 2022, pp. 188-190, 193. Graph--2009, pp. 168, 171; 2022, pp. 191, 194.

Dollar-Sterling Exchange Market**Dollar-Sterling Mint Parity**

Series: mint parity

Time Span: 1791-1934

Frequency: annual

Denomination: dollars per pound

References: Table--"Dollar-Sterling Parity: 1789-1978," in *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition* (2006). "Parity," in *Between the Dollar-Sterling Gold Points* (1996). "Dollar-Sterling Parity, 1791-1913," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983).

Display: Table--2006, p. 5-561; 1996, pp. 54-55; 1983, p. 592. Graph (quarterly)--1996, p. 57.

Dollar-Sterling Parity: Non-Mint

Series: par value, tariff appraisal, coin rating

Time Span: 1935-1978, 1789-1921, 1789-1857.

Frequency: annual

Denomination: dollars per pound

References: "Dollar-Sterling Parity: 1789-1978," in *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition* (2006).

Display: Table--2006, pp. 5-561 - 5-562.

Dollar-Sterling Exchange Rate

Series: dollar-sterling exchange rate

Time Span: 1790-1919, 1925-1931

Frequency: annual, monthly

Denomination: dollars per pound, percent sterling premium over parity

References: "British Pound," in *A New Balance of Payments for the United States* (2021).

"Dollar-Sterling Exchange Rates: 1791-1914," in *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition* (2006). "Exchange Rates," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993).

Display (annual): Table--2006, pp. 5-563 - 5-565. Graph--2021, p. 35.

Display (monthly): Table--1993, pp. 106-107; Graph--1993, p. 108.

Dollar-Sterling Exchange Rate: Corrected for Paper-Currency Depreciation

Series: dollar-sterling exchange rate

Time Span: 1791-1914, 1919-1931, 1950-1966

Frequency: quarterly, annual

Denomination: percent sterling premium over parity

References: "Dollar-Sterling Exchange Rates: 1791-1914," in *Historical Statistics of the United States, Earliest Times to the Present: Millennial Edition* (2006). "Exchange-Rate Data," in *Between the Dollar-Sterling Gold Points* (1996). "The Data: Exchange Rate Series," "Appendix: Construction of Exchange-Rate Series," in "Integration in the American Foreign-Exchange Market, 1791-1900," *Journal of Economic History*, XLV, No. 3 (September 1985). "Exchange-Rate Series," "Gold-Point Stability," in "Dollar-Sterling Mint Parity and Exchange Rates, 1791-1834," *Journal of Economic History*, XLIII, No. 3 (September 1983).

Display (quarterly): Table--1996, pp. 82-86, 88-90, 97; 1985, pp. 563-565; 1983, pp. 610-612. Graph--1996, p. 102.

Display (annual): Table--2006, pp. 5-563 - 5-565.

Dollar-Sterling Gold Points (for Arbitrage)

Series: gold export point, gold import point

Time Span: 1791-1800, 1821-1914, 1925-1931, 1950-1966

Frequency: annual, (1925-1931) monthly

Denomination: percentage points of parity, dollars per pound (1925-1931)

References: Gold Points," in *Essays in Economic History* (2022). "Gold-Point Data," in "Between the Dollar-Sterling Gold Points: USA and Britain, 1791-1914," in Philip L. Cottrell, Even Lange, and Ulf Olsson, eds., *Centres and Peripheries in Banking: The Historical Development of Financial Markets* (2007). "Gold-Point Estimates," in *Between the Dollar-Sterling Gold Points* (1996). "Gold Points," in "Gold-Point Arbitrage and Uncovered Interest Arbitrage Under the 1925-31 Dollar-Sterling Gold Standard," *Explorations in Economic History*, Vol. 30, No. 1 (January 1993).

Display (annual): Table--2022, p. 467; 2007, p. 113; 1996, p. 174.

Display (monthly): Table--1993, pp. 106-107; Graph--1993, p. 108.

Balance of Payments

Balance of Payments: Goods and Specie

Series: merchandise, non-monetary silver, ships, slaves (U.S. ships--African, Caribbean; foreign ships), specie

Time Span: 1790-1919, 1790-1820

Frequency: annual

Denomination: millions of dollars, thousands of dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 123-126, 157-158.

Balance of Payments: Services

Series: transportation (freight--direct trade, carrying trade), port costs, charter; travel (oceanic, overland); fares (U.S. sailing ships, U.S. steamships, foreign sailing ships, foreign steamships--for each: U.S. residents, foreign residents); financial (insurance, bankers' commissions), military expenditures; non-imported slaves

Time Span: 1790-1919

Frequency: annual

Denomination: millions of dollars, thousands of dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 157-158, 229-233, 240; 249-252; 284-288; 303-306.

Balance of Payments: Investment Income

Series: private (long-term, short-term), government

Time Span: 1790-1919

Frequency: annual

Denomination: millions of dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 214-217, 219.

Balance of Payments: Unilateral Transfers

Series: immigrant funds, head taxes, money transfers, prepaid tickets, emigrant funds, Collins payment to Cunard, Red Cross remittances, private relief, government

Time Span: 1790-1919

Frequency: annual

Denomination: millions of dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 167-170, 174-175.

Balance of Payments: Capital

Series: foreign capital (long-term, short-term--mercantile debt, dollars abroad, deposits at Fed), U.S. capital (private--direct, portfolio, government--long-term, short-term)

Time Span: 1790-1919

Frequency: annual

Denomination: millions of dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 197-200.

Balance of Payments: Balances

Series: merchandise, goods, goods and services, current account, official settlements; slave-trade

Time Span: 1790-1919, 1790-1860

Frequency: annual

Denomination: millions of dollars, thousands of dollars

References: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021. "The Antebellum Slave Trade: Numbers and Impact on the Balance of Payments" (with Samuel H. Williamson), *Research in Economic History* 36 (2020).

Display: Table--2021, pp. 322-325; 2020, pp. 191-192.

International Investment

International Assets and Liabilities

Series: U.S. assets (private--direct, portfolio; government), U.S. liabilities (long-term, short-term-- mercantile debt, dollars abroad, deposits at Fed)

Time Span: 1789-1919

Frequency: annual

Denomination: millions of gold dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 192-196.

Rate of Return on International Investment

Series: foreign investment in United States, U.S. investment abroad

Time Span: 1790-1919

Frequency: annual

Denomination: percent per year

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Graph--2021, p. 213.

Prices (for Balance of Payments)

Cost, Insurance, and Freight

Series: merchandise price index (exports, imports), price of ships, marine insurance (U.S. vessels, foreign vessels, specie), freight (overland--exports to Canada, imports from Canada; oceanic--merchandise exports, merchandise imports, specie)

Time Span: 1790-1919

Frequency: annual

Denomination: 1919 = 1, dollars per ton, percent,

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Graph--2021, pp. 121, 142, 155, 228, 301.

Oceanic Fares

Series: eastbound cabin, westbound cabin, eastbound steerage, westbound steerage--for each: U.S. packet, Plymouth packet, trader, steamship

Time Span: 1790-1919

Frequency: annual

Denomination: dollars per passenger

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Graph--2021, pp. 281, 282.

Price of Slaves

Series: purchase price (Africa, Caribbean [creole slaves]), selling price (United States--African slaves, Caribbean slaves; carrying trade, African slaves--non-Spanish Caribbean, Spanish America, Brazil)

Time Span: 1790-1860

Frequency: annual

Denomination: dollars per slave

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021. "The Antebellum Slave Trade: Numbers and Impact on the Balance of Payments" (with Samuel H. Williamson), *Research in Economic History* 36 (2020).

Display: Graph--2021, pp. 156, 235, 313; 2020--Table--p. 209.

Movement of People

Movement of Free People

Series: ocean embarkations (U.S. tourists, foreign tourists and transmigrants, immigrants), oceanic and overland (immigrant admittances, emigrants)

Time Span: 1790-1919

Frequency: annual

Denomination: number of persons

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 50-53.

Domestic Passengers

Series: stagecoach, railroad; street railroad, omnibus

Time Span: 1790-1900

Frequency: 11 period means

Denomination: passenger-miles, passengers

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, p. 103.

Movement of Slaves

Series: U.S. ship embarkations (African); U.S. disembarkations earning ship revenue (U.S. ships--African, Caribbean), foreign ships (African); carrying trade--Louisiana and Florida, Spanish America, Non-Spanish Caribbean, Brazil, Havana

Time Span: 1790-1860

Frequency: annual

Denomination: number of persons

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021. "The Antebellum Slave Trade: Numbers and Impact on the Balance of Payments" (with Samuel H. Williamson), *Research in Economic History* 36 (2020)

Display: Table--2021, pp. 91-92, 94; 2020 [different arrangement of data], pp. 184, 189, 204-205.

Deaths from Voyage, and Debarments

Series: deaths from voyage, debarments

Time Span: 1790-1919

Frequency: annual

Denomination: percent of alien arrivals

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan.

Switzerland: Springer Nature, 2021.
Display: Graph--2021, p. 76.

Other

U.S. Monetary Base

Series: monetary base, net-liabilities breakdown, assets breakdown

Time Span: 1789-1932

Frequency: annual, eight period-means

Denomination: millions of gold dollars

References: "The U.S. Specie Standard, 1792-1932: Some Monetarist Arithmetic," *Explorations in Economic History*, Vol. 39, No. 2 (April 2002). Reprinted in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007, and in *Essays in Economic History: Purchasing Power Parity, Standard of Living, and Monetary Standards*. Palgrave Macmillan. Switzerland: Springer Nature, 2022.

Display: Table--2002, pp. 125-128; 2007, pp. 195-198; 2022, pp. 418-420, 422.

Bank Restriction Period: Data

Series: exchange rate, price level, Bank of England notes, Price of wheat, external military expenditure

Time Span: 1797-1821

Frequency: quarterly

Denomination: schillings per £, 1796 = 100, £m., 1796 = 100, £m.

Reference: "Bank Restriction Period, 1797-1821," in *Pricing Theory, Financing of International Organizations and Monetary History*. London: Routledge, 2007.

Display: Table--pp. 266-267.

Gross Domestic Investment

Series: gross domestic investment

Time Span: 1790-1919

Frequency: annual

Denomination: millions of dollars

Reference: *A New Balance of Payments for the United States, 1790-1919: International Movement of Free and Enslaved People, Funds, Goods and Services*. Palgrave Macmillan. Switzerland: Springer Nature, 2021.

Display: Table--2021, pp. 350-353.

Tradables/Nontradables Ratio

Series: price index, productivity; nine countries

Time Span: 1950-1973

Frequency: annual

Denomination: 1970 = 100, unspecified

Reference: "New Measures of Prices and Productivity for Tradable and Nontradable Goods" (with Morris Goldstein), *Review of Income and Wealth*, Series 25, No. 4 (December 1979).

Table: pp. 425-426.

U.S. Dollar - Canadian Dollar Exchange Rate

Series: U.S. dollar - Canadian dollar exchange rate

Time Span: 1848-1919

Frequency: annual

Denomination: U.S. dollars per Canadian dollar

Reference: "Canadian Dollar," in *A New Balance of Payments for the United States* (2021).

Display: Graph--p. 35.