Curriculum Vita (April 2018)

JEFFREY G. WILLIAMSON

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Academic Background

B.A. Wesleyan University, June 1957 (Mathematics)

M.A. Stanford University, Fall 1959 (Economics)

M.A. Harvard University, February 1984 (Honorary)

Ph.D. Stanford University, June 1961 (Economics)

Honoris Causa Carlos III University Madrid, October 2005 (Honorary)

Professional Positions and Appointments

Universities

Vanderbilt University, 1961-1963

Assistant Professor of Economics, 1961-1963

Associate Director of the Graduate Program in Economic Development, 1962-1963

University of Wisconsin, 1963-present

Assistant Professor of Economics, 1963-1964

Associate Professor of Economics, 1964-1968

Professor of Economics, 1968-1983

Honorary Fellow in Economics, Spring 2004, January-February 2007, October 2008-present

Harvard University, 1972-present

Visiting Professor of Economics, Spring 1972

Professor of Economics, 1983-1984

Laird Bell Professor of Economics, 1984-2008

Laird Bell Professor of Economics, emeritus 2008-present

Chair of Economics Department, 1997-2000

Rockefeller Center for Latin American Studies, Faculty Associate (1995-present)

CID, Faculty Fellow, 2000-2002; Faculty Associate, 2002-present

Weatherhead Center for International Affairs, Faculty Associate, 2004-present

Master (now called Faculty Dean) of Mather House, 1986-1993, Senior Common Room

Member 1986-present

Australian National University, 1988-present

F. H. Gruen Distinguished Professor, August-December 2003

Visiting Research Scholar, August-September 1988, May-July 2005, March-May 2008, March-May 2009, November-December 2012, March 2016 and 2017

Research Affiliate, Centre for Economic History, 2012-present

Cambridge University, 1978

Visiting Faculty Member, Faculty of Economics, April-August 1978

De La Salle University (The Philippines)

Visiting Professor March 2016

European University Institute, 1994-1995

Jean Monnet Fellow, September-December 1994

Visiting Professor, January-June 1995

International Institute for Applied Systems Analysis (Austria), 1978-1980

Visiting Fellow, June 1978, January and June 1979, June and November 1980

Kiel Institute of World Economics, 1995-present

Visiting Lecturer, January 1995, June 2004, July 2008

International Research Fellow 2002-present

Osaka Gakuin University, 1994

Visiting Distinguished Professor, May-July 1994

Paris Jourdan School of Economics, 2008

Senior Lecturer EHES Program, July 2008

Stanford University and NBER West, 1976-1977

Visiting Professor of Economics (Guggenheim) 1976-1977

Stockholm School of Economics, 2000

Visiting Professor, October 2000

University of Barcelona, 2009

Senior Lecturer ESTER RDC Program, July 2009

University Carlos III de Madrid, 2007-present

Visiting Professor, February-May 2007, May 2008, May 2009

Honoris Causa 2005-present

University of Copenhagen, 2000-2007

Visiting Professor, September-December 2000, March 2007

University of Groningen, 1995

Senior Lecturer EHES Program, June 1995

Angus Maddison Lecture, September 2015

University of Melbourne, 2016-present

Visiting Professor, March-May 2016,, March-May 2017

University of the Philippines, School of Economics, 1967-present

Visiting Professor of Economics, January 1967-May 1968, March-April 2013, June 2015-present

Visiting lecturer, March 2011

Adjunct Professor, June 2012-June 2015

Universidad de la República (Uruguay), 2009-2015

Visiting Profesor, October-November 2009, April 2015

Lecturer, Summer LA Economic History Program, December 2010, March 2015

University of Sao Paulo (Brazil), 2009

Visiting Professor, October 2009

Asian Institute of Management (The Philippines), 2011

Visiting Lecturer, February-March 2011

Research Institutions

The World Bank, 1976-present

Resident Consultant, Development Economics Department, 1981-1982

Visiting Research Fellow, Development Economics Department, Spring 2001

Project Consultant, 1976-present

Inter-American Development Bank, 2001-present

Visiting Research Fellow, Spring 2004

Project Consultant, 2001-present

National Bureau of Economic Research, 1991-present

Research Associate

IZA, 2004-present

Research Fellow

Centre for Economic Policy Research, 2005-present

Research Fellow in International, Regional, Economic History

Other Institutions

Wisconsin Academy of Sciences, Arts and Letters 2010-present Member Angara Institute, Manila, 2011-present Advisory Board

Selected Professional Activities

Economics Journals:

Review of Economics and Statistics: Associate Editor, 1972-1993. Economic Development and Cultural Change: editorial board, 1969-2003. International Regional Science Review: editorial board, 1985-present. Journal of Development Economics: Associate Editor 1985-1990. Bulletin of Economic Research: editorial board 1995-2006. E-Journal (Kiel University), advisory board, 2005-present. Philippine Review of Economics, editorial advisory board, 2013-present.

Economic History Journals:

Journal of Economic History: Editorial Board, 1983-1987. Explorations in Economic History: Co-Editor, 1969-1973; Associate Editor, 1974-1977; Member of Editorial Board, 1965-1969, 1973-1974, 1977-1986, Member of the Advisory Board 2015-present. European Review of Economic History: Editorial Board, 1995-2013, Scientific Advisory Board 2014-present. SSRN Economics Research Network: Advisory Board 1995-2006, Co-Editor 2006-present. Revista de Historia Economica: Advisory Board, 1999-present. Journal of Iberian and Latin American Economic History: Editorial Board 2005-present. Australian Economic History Review, Editorial Board, 2003-present. Thesis: Theory and History: Editorial Board, 1991-present. Cliometrica (Journal of Historical Economics and Econometric History): honorary member of the Editorial Board 2006-present.

Economic History Activities:

Economic History Association: President, 1994-1995; Vice President, 1982-1983; Local Arrangements Chair, 1992, Boston; Council for Research in Economic History, 1972-1976. Editorial Board, <u>Journal of Economic History</u>, 1983-1987. <u>International Economic History</u> <u>Association</u>: EHA representative 1996-2001. Board of Advisors of Measuring Worth 2012-present.

Cliometrics Society: Chairman of Program Arrangements for Madison Clio (Madison, Wisconsin; Spring 1970-72, 1974-76). Participant at the Purdue (1963, 1964, 1968), Wisconsin (1970-1976), Iowa (1983), Miami (1984, 1988, 1992, 1999), Illinois (1990), Indiana (1991), Northwestern (1993), Toronto (1997), Tuscon (2001), Boulder (2011), Clemson (2014) and International (1985, 1989, 1997, 2004, 2008, 2014) Clio meetings on the Application of Economic Theory and Quantitative Techniques to Problems of Economic History. Trustee of the Cliometric Society, 1991-1995. Fellow of the Cliometric Society 2010-present.

<u>European Economic History Activities</u>: Member and co-founder of European EHES organization; co-founder and member of the Editorial Board of the EHES's <u>European Review of Economic History</u>; senior lecturer at the <u>EHES Summer Program in Economic History</u>: Groningen 1995; Paris 2008; senior lecturer the ESTER RDC program: Barcelona 2009.

<u>Latin American Economic History and other Activities</u>: Senior lecturer at the <u>First EHLA Summer Program in Economic History</u> Montevideo 2011; senior lecturer at the 5th Latin American Economic History Summer School Montevideo (2015).. Member of the NBER <u>Development of the American Economy</u> since 1991.

<u>Third World Economic History</u>: A long-term effort to foster economic history in and on the Third World by frequent conferences on site where possible: "East and Southeast Asian Economic Change in the Long Run" (Honolulu: April 11, 1996); "Long Run Economic Change in the Mediterranean Basin" (Istanbul: June 4-6, 1998); "Globalization in Asia and the Pacific before the Modern Era" (Canberra: June 29-July 1, 2005); "Economic Change Around the Indian Ocean in

the Very Long Run" (Venice: July 22-24, 2008); "A Comparative Approach to Inequality and Development: Latin America and Europe" (Madrid: May 22-23, 2009); "Trade Policy, Growth and History" (Madrid May 14-15 2010); "The Spread of Manufacturing to the Third World 1870-1970" (Stellenbosch, South Africa, July 9-13, 2012); "The Spread of Manufacturing to the Third World 1870-present" (Oxford October 2-4 2014); "Latin American Inequality in the Long Run" (Buenos Aires December 4-6 2014), "Sub-Saharan Africa and Latin American Economic History Compared" (Montevideo March 26-27 2015). Subsequent conferences are planned for Latin America, Africa, South and Southeast Asia. Co-organizer of SeaDelt (Southeast Asian Economic Development in the Long Run), a website to inform scholars working and stimulate more work on economic history in the region (https://seadelt.net).

Other Professional Activities:

Reviewing duties for the American Economic Review, American Historical Review, American Journal of Agricultural Economics, Australian Economic History Review, Canadian Journal of Economics, Demography, Econometrica, Economic History Review, Economic Journal, Economic Record, Economics Letters, European Review of Economic History, Explorations in Economic History, Economic Development and Cultural Change, Empirical Economics, International Migration Review, Journal of African Economics, Journal of Development Economics, Journal of Economic History, Journal of Economic Literature, Journal of Economic Perspectives, Journal of Human Resources, Journal of International Economics, Journal of Political Economy, Journal of Population Economics, Journal of Urban Economics, Oxford Economic Papers, Philippine Economic Journal, Philippine Review of Economics, Population Studies, Quarterly Journal of Economics, Review of Economics and Statistics, Review of World Economics, Southern Economic Journal, World Development, and others.

Member of the <u>AEA Policy and Advisory Board of the Economics Institute</u>, 1969-1972. Member of the <u>AEA Committee on the Education and Training and Minority Group Economists</u>, 1969-1971. Member of <u>AEA Committee on the Status of Minorities in the Economics Profession</u>, 1980-1983. Member, National Science Foundation, Economics Panel, 1984-1986. Member, Sierra Club, Economics Advisory Committee Member, 1977-1982. Member of the <u>AEA Editorial Board for the Fisher Monograph and Taussig Article Award</u> series, 1986-1990. Academic Advisory Board, <u>Columbia Program on International Migration: Economics</u>, Ethics and Law, 2003-present.

Project consultant 1973-present, resident consultant or fellow 1981-1982 and 2001, International Bank for Reconstruction and Development. Consultant to US State Department, Agency for International Development, 1964-1970. Project consultant 2001-present and visiting research fellow Spring 2004, Inter-American Development Bank. Faculty fellow, Harvard Institute for International Development, 1995-2000. Faculty fellow and associate, Harvard Center for International Development, 2000-present. Faculty associate, Harvard Weatherhead Center for International Affairs, 2004-present, and Rockefeller Center for Latin American Studies, 1995-present.

Awards and Appointments that Really Matter

Awards that really matter are: twice-recipient of the Galbraith Prize for the best teacher in the Harvard graduate Economics Program awarded by graduate students (1985, 1994); the Energizer Bunny Award (1995), given to me by all my past PhD dissertators from Wisconsin and Harvard; the Hughes Prize for Teaching Excellence (2000), awarded by the Economic History Association, and the Hoopes Prize (best Harvard senior honors thesis of the year) received by sixteen of my past students. Appointments and non-teaching awards that really matter are: Master (now called Faculty Dean) of Mather House at Harvard (1986-1993); Chairman of the Harvard Economics Department (1997-2000); Wesleyan University Board of Trustees (1988-1994); the Distinguished Alumnus Award from Wesleyan University (1987); President of the Economic History Association (1994-1995); the Clio Award for exceptional support of the Cliometrics Society (1991: it's like an Oscar); Fellow of the Cliometrics Society (2010); and the *Honoris Causa* from Carlos III de Madrid University (2005).

Publications

Books and Monographs

THE SPREAD OF MODERN INDUSTRY TO THE PERIPHERY1870-2007 (Oxford University Press 2017). Ed. with Kevin H. O'Rourke.

HAS LATIN AMERICAN INEQUALITY CHANGED DIRECTION? (Springer, English and Spanish edition simultaneously 2017). Ed. with Luis Bértola.

UNEQUAL GAINS: AMERICAN GROWTH AND INEQUALITY SINCE 1700 (Princeton University Press 2016, printed, audio, and e-book published simultaneously); ppb 2017. With Peter H. Lindert.

THE CAMBRIDGE HISTORY OF CAPITALISM, 2 vols., edited with Larry Neal (2014 Cambridge University Press). VOLUME 1: THE RISE OF CAPITALISM (Larry Neal ed.). VOLUME II: THE SPREAD OF CAPITALISM (Jeffrey G. Williamson ed.). Russian trans. (forthcoming Delo Publishers). Turkish trans. (forthcoming Inkilap Kitabevi), forthcoming Chinese trans. (China Renmin University Press Beijing).

El DESAROLLO ECONÓMICO MUNDIAL EN PERSPECTIVA HISTÓRICA: CINCO SIGLOS REVOLUCIONES INDUSTRIALES, GLOBALIZACIÓN Y DESIGUALDAD (Zaragoza, España: Universidad de Zaragoza, 2012).

TRADE AND POVERTY: WHEN THE THIRD WORLD FELL BEHIND (MIT Press, 2011). Paperback (2012). Spanish trans. in paperback (2012 Editorial Crítica: Barcelona). Chinese trans. in paperback (2013 China Renmin University Press: Beijing). Simplified characters Chinese trans.paperback (2017).

GLOBALIZATION AND THE POOR PERIPHERY BEFORE 1950: THE OHLIN LECTURES (MIT Press, 2006). Paperback 2008.

GLOBAL MIGRATION AND THE WORLD ECONOMY: TWO CENTURIES OF POLICY AND PERFORMANCE (MIT Press, 2005). With Timothy Hatton. Paperback 2008.

THE POLITICAL ECONOMY OF WORLD MASS MIGRATION: COMPARING TWO GLOBAL CENTURIES (AEI Press, 2004). Reprinted in Paul Collier and Jan Willem Gunning (eds.), GLOBALIZATION AND POVERTY: VOLUME II: WHAT ARE THE CHANNELS OF TRANSMISSION? (Cheltenham, UK: Elgar 2007), pp. 353-407.

GLOBALIZATION IN HISTORICAL PERSPECTIVE (University of Chicago and NBER, 2003). Ed. with Michael Bordo and Alan M. Taylor. Paperback 2006.

THE MEDITERRANEAN RESPONSE TO GLOBALIZATION BEFORE 1950 (Routledge, 2000). Ed. with Şevket Pamuk.

GLOBALIZATION AND HISTORY: THE EVOLUTION OF A 19th CENTURY ATLANTIC ECONOMY (MIT Press, 1999). With Kevin O'Rourke. Association of American Publishers Award for the best book in economics in 1999. Paperback 2000. Italian trans. 2005 (Societá editrice il Mulino); Spanish trans. 2006 (Prensas Universitarias de Zaragoza); Korean trans. 2010 (Hankook Publishing Company).

GROWTH, INEQUALITY AND GLOBALIZATION: THEORY, HISTORY AND POLICY (Cambridge University Press, 1998). With P. Aghion. The Raffaele Mattioli Lectures. Chinese trans. (ppb, Jianqiao Jingjixue Yicong 2002).

THE AGE OF MASS MIGRATION: CAUSES AND ECONOMIC IMPACT (Oxford University Press, 1998). With Timothy J. Hatton. Association of American Publishers Award for the best book in economics in 1998.

INDUSTRIALIZATION, INEQUALITY AND ECONOMIC GROWTH (Aldershot, Hants.: Edward Elgar, 1997).

MIGRATION AND THE INTERNATIONAL LABOR MARKET 1850-1939 (London: Routledge, 1994). Ed. with T. J. Hatton.

HUMAN RESOURCES AND DEVELOPMENT ALONG THE ASIA-PACIFIC RIM (Oxford: Oxford University Press, 1993). Ed. with Gavin Jones and Nahiro Ogawa.

INDIAN URBANIZATION AND ECONOMIC GROWTH SINCE 1960 (Baltimore, Md.: The Johns Hopkins University Press, 1992). With Charles Becker and Edwin Mills.

INEQUALITY, POVERTY, AND HISTORY: THE KUZNETS MEMORIAL LECTURES (Oxford: Basil Blackwell, 1991). Japanese trans. published in 2003 (Mineruva Shobō: Kyōto).

COPING WITH CITY GROWTH DURING THE BRITISH INDUSTRIAL REVOLUTION (Cambridge: Cambridge University Press, 1990).

THE BALANCE BETWEEN INDUSTRY AND AGRICULTURE IN ECONOMIC DEVELOPMENT: VOL. 2 (London: Macmillan, 1989). Ed. with V.R. Panchamukhi.

DID BRITISH CAPITALISM BREED INEQUALITY? (London: George Allen and Unwin, 1985). Also in Spanish: CAPITALISMO Y DESIGUALDAD ECONÒMICA EN GRAN BRETANÃ (1987). English 1985 edition reprinted by Routledge (London 2006).

WHAT DRIVES THIRD WORLD CITY GROWTH? A DYNAMIC GENERAL EQUILIBRIUM APPROACH (Princeton, N.J.: Princeton University Press, 1984). With Allen C. Kelley.

MODELLING GROWING ECONOMIES IN EQUILIBRIUM AND DISEQUILIBRIUM. (Durham, N.C.: Duke University Press, 1983). Ed. with Allen C. Kelley and Warren C. Sanderson.

AMERICAN INEQUALITY: A MACROECONOMIC HISTORY (New York: Academic Press, 1980). With Peter H Lindert.

MODELLING URBANIZATION AND ECONOMIC GROWTH (Laxenburg, Austria: International Institute for Applied Systems Analysis, 1980). With Allen C. Kelley.

LATE NINETEENTH CENTURY AMERICAN DEVELOPMENT: A GENERAL EQUILIBRIUM HISTORY (Cambridge: Cambridge University Press, 1974).

LESSONS FROM JAPANESE DEVELOPMENT: AN ANALYTICAL ECONOMIC HISTORY (Chicago: University of Chicago Press, 1974). With Allen C. Kelley.

DUALISTIC ECONOMIC DEVELOPMENT: THEORY AND HISTORY (Chicago: University of Chicago Press, 1972.) With Allen C. Kelley and Russel. J. Cheetham.

AMERICAN GROWTH AND THE BALANCE OF PAYMENTS, 1820-1913: A STUDY OF THE LONG SWING (Chapel Hill: University of North Carolina Press, 1964).

PROJECTED AID REQUIREMENTS FOR TURKEY: 1960-1975 (Washington, D.C.: Agency for International Development, Department of State, Fall 1965).

Articles (refereed publications denoted by an "*")

- 1957 *"Dos concepciones sobre las fluctuaciones economicas," <u>Anales de Economia</u>, vol. 17, no. 65 (December 1957), pp. 501-17.
- * "Public Expenditures and Revenue: An International Comparison," <u>Manchester School of</u> Economics and Social Studies, vol. 29, no. 1 (January 1961), pp. 43-56.
 - * "International Trade and United States Economic Development: 1827-1843," <u>Journal of Economic History</u>, vol. 21, no. 3 (September 1961), pp. 372-383. Reprinted in S. Cohen and F. Hill (eds.), AMERICAN ECONOMIC HISTORY: ESSAYS IN INTERPRETATION (Lippincott, 1966), pp. 245-255.
- * "The Long Swing: Comparisons and Interactions Between British and American Balance of Payments, 1820-1913," <u>Journal of Economic History</u>, vol. 22, no. 1 (March 1962), pp. 21-46. Reprinted in A. R. Hall (ed.), THE EXPORT OF CAPITAL FROM BRITAIN, 1870-1914 (Methuen, 1968), pp. 55-83.
- * "Real Growth, Monetary Disturbances and the Transfer Process: The United States, 1879-1900," Southern Economic Journal, vol. XXIX, no. 3 (January 1963), pp. 167-179.
 - "Dollar Scarcity and Surplus in Historical Perspective," <u>American Economic Review</u>, vol. LIII, no. 2 (May 1963), pp. 519-529.
- * "Some Notes on an 'Unproved' Hypothesis," <u>Explorations in Entrepreneurial History</u>, 2nd Series, vol. III, no. 1 (Fall 1965), pp. 56-61.
 - * "Ante-Bellum Urbanization in the American Northeast," <u>Journal of Economic History</u>, vol. 25, no. 4 (December 1965), pp. 592-608. Reprinted in S. Engerman and R.W. Fogel (eds.), THE REINTERPRETATION OF AMERICAN ECONOMIC HISTORY (New York: Harper and Row, 1971), pp. 426-477.
 - * "Regional Inequality and the Process of National Development: A Description of the Patterns," <u>Economic Development and Cultural Change</u>, vol. XIII, no. 4, Part II (July 1965), Supplement pp. 84. Reprinted in L. Needleman (ed.), REGIONAL ANALYSIS: SELECTED READINGS (Penguin, 1968), pp. 99-158; in J. Friedman and W. Alonso (eds.), REGIONAL POLICY: READINGS IN THEORY AND APPLICATIONS (MIT Press 1975); and in J. Schwartzman (ed.), ECONOMIA REGIONAL (Belo Horizonte, Cedeplar, 1977), pp. 53-116.
- * "The Growth of Cities in the American Northeast, 1820-1870," <u>Explorations in Entrepreneurial History</u>, vol. 4, no. 1 (Fall 1966), Supplement, pp. 101. With J.A. Swanson.
 - * "Determinants of Investment Behavior: United States Railroads, 1872-1941," <u>Review of Economics and Statistics</u>, vol. XLVIII, no. 2 (May 1966), pp. 172-181. With J. Kmenta.
- * "Consumer Behavior in the Nineteenth Century: Carroll D. Wright's Massachusetts Workers in 1875," Explorations in Entrepreneurial History, vol. 4, no. 2 (Winter 1967), pp. 98-135.
- * "Household Savings Behavior in the Developing Economies: The Indonesian Case," <u>Economic Development and Cultural Change</u>, vol. 16, no. 3 (April 1968), pp. 385-403. With A. Kelley.
 - "Education as an Asset in the Philippine Economy," in M. Concepcion (ed.), SECOND CONFERENCE ON POPULATION (Quezon City: University of the Philippines Press, 1968). With D. DeVoretz.

- * "Personal Saving in Developing Nations: An Intertemporal Cross-Section from Asia," <u>Economic Record</u> (June 1968), pp. 194-210. Reprinted in ECONOMIC THEORY AND PRACTICE IN THE ASIAN SETTING: MACROECONOMICS (New Delhi: Wiley Eastern Ltd., 1975).
- "Production Functions, Technological Change and the Developing Economies: A Review Article," <u>Malayan Economic Review</u>, vol. XIII, no. 2 (October 1968), pp. 8-21.
- * "Income Growth and Savings," <u>Philippine Economic Journal</u>, vol. VIII, no. 1 (First Semester 1969), pp. 54-74.
 - * "Dimensions of Philippine Postwar Economic Progress," <u>Quarterly Journal of Economics</u>, vol. LXXXIII, no. 1 (February 1969), pp. 93-109. Reprinted in ECONOMIC THEORY AND PRACTICE IN THE ASIAN SETTING: THE ECONOMICS OF DEVELOPMENT (New Delhi: Wiley Eastern Ltd., 1975).
- * "Relative Price Changes, Adjustment Dynamics and Productivity Growth: The Case of Philippine Manufacturing," <u>Economic Development and Cultural Change</u>, vol. 19, no. 4 (July 1971), pp. 507-526.
 - * "Capital Accumulation, Labor-Saving and Labor Absorption Once More," <u>Quarterly Journal of Economics</u>, vol. 85, no. 1 (February 1971), pp. 40-65.
 - * "A Model of Urban Capital Formation and the Growth of Cities in History," <u>Explorations in</u> Economic History, vol. 8, no. 2 (Winter 1970-71), pp. 213-222. With J. A. Swanson.
 - * "Explanations and Issues: A Prospectus for Quantitative Economic History," <u>Journal of Economic History</u>, vol. 31, no. 1 (March 1971), pp. 43-57. With J. A. Swanson.
 - * "Optimal Replacement of Capital Goods: The Early New England and British Textile Firm," <u>Journal of Political Economy</u>, vol. 79, no. 6 (November/December 1971), pp. 1320-1334.
 - * "Writing History Backwards: Meiji Japan Revisited," <u>Journal of Economic History</u>, vol. 31, no. 4 (December 1971), pp. 729-776. With A. Kelley. Awarded the Cole Prize by the Economic History Association. Reprinted in W.J. Macpherson (ed.), THE INDUSTRIAL REVOLUTION IN JAPAN (Basil Blackwell, 1991).
- * "Embodiment, Disembodiment, Learning-by-Doing, and Returns to Scale in Nineteenth Century Cotton Textiles," <u>Journal of Economic History</u>, vol. 32, no. 3 (September 1972), pp. 691-705.
 - * "Biased Technological Progress and Labor Force Growth in a Dualistic Economy," <u>Quarterly Journal of Economics</u>, vol. 86, no. 3 (August 1972), pp. 426-447. With A. Kelley and R. Cheetham.
 - * "Black Education, Earnings and Interregional Migration: Some New Evidence," <u>American Economic Review</u>, vol. 62, no. 3 (June 1972), pp. 372-383. With L. Weiss.
- 1973 "Comment on Fishlow's Paper," in E. Ayal (ed.), MICRO ASPECTS OF DEVELOPMENT (New York: Praeger Publishers, Inc., 1973), pp. 80-83.
 - * "Sources of Growth Methodology in Low-Income Countries: A Critique," <u>Quarterly Journal of Economics</u>, vol. 87, no. 1 (February 1973), pp. 138-147. With A. Kelley.
 - * "Skilled Labor and Nineteenth Century Anglo-American Managerial Behavior," <u>Explorations in Economic History</u>, vol. 10, no. 3 (Spring 1973), pp. 235-252. With D.L. Brito.

- * "Late Nineteenth Century American Retardation: A Neoclassical Analysis," <u>Journal of</u> Economic History, vol. 32, no. 3 (September 1973), pp. 581-607.
- "Modelling Economic Development and General Equilibrium Histories," <u>American Economic Review</u>, vol. 58, no. 2 (May 1973), pp. 450-458. With A. Kelley.
- "Simple Parables of Japanese Economic Progress: Report on Early Findings," in K. Ohkawa and Y. Hayami (eds.), NIHON KEIZAI NO CHOKITEKI BUNSEKI (The Long Term Analysis of the Japanese Economy), Tokyo, Nippon Keizai Shimbunsha, 1973). With A. Kelley.
- * "Optimal Replacement of Capital Goods in Early New England and British Textile Firms: Reply," Journal of Political Economy, vol. 82, no. 3 (May/June 1974), pp. 638-640.
 - "Demand, Structural Change, and the Process of Economic Growth," in P. David and M. Reder (eds.), NATIONS AND HOUSEHOLDS IN ECONOMIC GROWTH (New York: Academic Press, 1974), pp. 239-263. With R. Cheetham and A. Kelley.
 - * "Watersheds and Turning Points: Conjectures on the Long Term Impact of Civil War Financing," Journal of Economic History, vol. 34, no. 3 (September 1974), pp. 636-661.
 - * "The Size Distribution of Cities and Optimal City Size," <u>Journal of Urban Economics</u>, vol. 1 (October 1974), pp. 395-409. With K. Smith and J. Swanson.
 - * "Demand, Distribution and Employment: The Case of Brazil," <u>Economic Development and</u> Cultural Change, vol. 23, no. 1 (October 1974), pp. 33-60. With S. Morley.
 - * "Migration to the New World: Long Term Influences and Impact," <u>Explorations in Economic History</u>, vol. 11, no. 4 (Summer 1974), pp. 357-390. Reprinted in G. Pozzetta (ed.), IMMIGRATION (Hamden, Conn: Garland Publishing, 1990).
- 1975 * "Black Earnings and Education: Even Newer Evidence," <u>American Economic Review</u>, vol. 65, no. 1 (March 1975), pp. 241-244. With L. Weiss.
 - * "Crescimento, Politica Salarial e Desigualdade: O Brasil durante a Decada de 1960 (Growth, Wage Policy and Inequality: Brazil During the Sixties)," <u>Estudos Economicos</u>, vol. 5 (April 1975), pp. 107-139. With S. Morley.
 - "The Railroads and Midwestern Development, 1870-1890: A General Equilibrium History," in D. C. Klingaman and R. K. Vedder (eds.), ESSAYS IN 19TH CENTURY ECONOMIC HISTORY (Athens, Ohio University Press, 1975), pp. 269-352.
 - "Firm Location and Optimal City Size in American History," in L. Schnore (ed.), THE NEW URBAN HISTORY (Princeton: Princeton University Press, 1975), pp. 260-273. With J. Swanson.
- 1976 * "Technology, Growth and History," <u>Journal of Political Economy</u>, vol. 84, no. 4, Part 1 (August 1976), pp. 809-820.
 - * "Three Centuries of American Inequality," in P. Uselding (ed.), RESEARCH IN ECONOMIC HISTORY, Vol. 1 (Greenwich, Conn.: Johnson Associates, 1976), pp. 69-123. With P. Lindert.
 - * "American Prices and Urban Inequality Since 1820," <u>Journal of Economic History</u>, vol. 36, no. 2 (June 1976), pp. 303-333.
 - * "The Sources of American Inequality, 1896-1948," <u>Review of Economics and Statistics</u>, vol. 58, no. 4 (November 1976), pp. 387-397.

- "Private Domestic Savings in Korea: Can a Pessimistic Past be Reconciled with an Optimistic Plan?" in DISCUSSION PAPERS ON THE DRAFT OF THE FOURTH FIVE-YEAR PLAN (Seoul: Economic Planning Board, 1976), pp. 55-112.
- "Class Pay Differentials, Wage Stretching and Early Capitalist Development," in M. Nash (ed.), ESSAYS ON ECONOMIC DEVELOPMENT AND CULTURAL CHANGE (Chicago: University of Chicago Press, 1977), pp. 407-427. With S. Morley.
 - * "Strategic Wage Goods, Prices and Inequality," <u>American Economic Review</u>, vol. 66, no. 1 (March 1977), pp. 29-41.
 - * "Savings, Accumulation and Modern Economic Growth: The Contemporary Relevance of Japanese History," <u>Journal of Japanese Studies</u>, vol. 4, no. 1 (Fall 1977), pp. 125-167. With L. DeBever. Reprinted in W.J. Macpherson (ed.), THE INDUSTRIAL REVOLUTION IN JAPAN (Basil Blackwell, 1991) and in M.J. Smitka (ed.), JAPANESE ECONOMIC HISTORY1600-1960 (Garland, 1998).
 - * "Reply to the Critics," Estudos Economicos, vol. 7 (1977), pp. 147-156. With S. Morley.
- 1979 * "Why Do Koreans Save `So Little'?" <u>Journal of Development Economics</u>, vol. 6 (1979), pp. 343-62.
 - * "Inequality, Accumulation, and Technological Imbalance: A Growth-Equity Conflict in American History?" <u>Economic Development and Cultural Change</u>, vol. 27, no. 2 (January 1979), pp. 231-253.
- * "Greasing the Wheels of Sputtering Export Engines: Midwestern Grains and American Growth," Explorations in Economic History, vol. 17, no. 3 (July 1980), pp. 189-217.
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 - *Special issue of <u>Cliometrica</u> on "Pre-Industrial Inequality," co-edited with Peter Lindert 11, 3, (September).
 - *"Inequality in the Very Long Run: Malthus, Kuznets, and Ohlin," <u>Cliometrica</u> 11, 3 (September): 289-95. With P. Lindert.

- "Sugar and Slaves: Wealth, Poverty and Inequality in Colonial Jamaica," CEPR Vox (December). With T. Burnard and L. Panza.
- *"An Economic Rationale for the West African Scramble? The Commercial Transition and the Commodity Price Boom of 1835-1885," <u>Journal of Economic History</u> 76, 1 (March): 231-267. With E. Frankema and P. Woltjer.

Forthcoming

- *"Philippine Inequality across the Twentieth Century: Slim Evidence but Fat Questions," Philippine Economic Review (forthcoming 2018).
- *"Squatters, Convicts, and Capitalists: : Dividing Up a Fast-Growing Frontier Pie, 1821-1871" <u>Economic History Review</u> (forthcoming 2018). With L. Panza.
- *"Living Costs and Living Standards: Australian Development 1820s-1870s," <u>European Review of Economic History</u> (forthcoming). With L. Panza.
- *"The Social Implications of Sugar: Living Costs, Real Incomes, and Inequality in Jamaica c1774," <u>Explorations in Economic History</u> (forthcoming). With T. Burnard and L. Panza.

Articles Pending, Recent Working Papers and Recent Papers Presented at Meetings (not yet published; those with an @ can be downloaded from NBER or CEPR or Williamson's website www.economics.harvard.edu/~jwilliam/)

- @ "Real Wages and Relative Factor Prices in the Third World 1820-1940: The Mediterranean Basin," HIER Discussion Paper 1842, Department of Economics, Harvard University (July 1998). Data base infrequently updated.
- @ "Real Wages and Relative Factor Prices in the Third World 1820-1940: Asia," HIER Discussion Paper 1844, Department of Economics, Harvard University (August 1998). Data base infrequently updated.
- @ "Real Wages and Relative Factor Prices in the Third World 1820-1940: Latin America," HIER Discussion Paper 1853, Department of Economics, Harvard University (October 1998). Data base infrequently updated.
- "Globalization 1492-2002: Why We Need Price Histories." Paper given to the session on "Pre-Industrial Living Standards Since the 13th Century" at the 13th Congress of the International Economic History Association, Buenos Aires (July 21-26, 2002).
- @"Is Protection Bad for Growth? Will Globalization Last? Looking for Answers in History." Paper given to the session on "Historical Perspectives on Structural Changes in the World Economy 1980-2000" at the 13th Congress of the International Economic History Association, Buenos Aires (July 21-26, 2002).
- "Who Protects? World Experience Since 1870." Paper presented to the EHA annual meetings, St. Louis (October 11-13, 2002).
- @"The Tariff Response to World Market Integration in the Periphery Before the Modern Era." Paper delivered at the Market Integration Workshop, European University Institute, Fiesole, Italy, July 1-4, 2004.
- "Forced versus Economic Migration and History: Two Issues." Keynote address given at the Economics of Forced Migration Conference, MIT (Cambridge, Mass.: December 9-10, 2005).

- "Globalization and Underdevelopment in the pre-Modern Third World." The Luca d'Agliano Lecture, Turin (March 31, 2006).
- @"Poverty Traps, Distance, and Diversity: The Migration Connection," NBER Working Paper 12549, National Bureau of Economic Research, Cambridge, Mass. (September 2006). Also, CEPR Discussion Paper 5891 (October 2006). Invited lecture given at the Conference on The Economics of Diversity, Migration, and Culture (Bologna, September 22-23, 2006).
- @"Globalization, Growth and Distribution in Spain 1500-1913," NBER Working Paper 13005, National Bureau of Economic Research, Cambridge, Mass. (April 2007). Also, Carlos 3 University Working Paper 07-08 (April 2007) and CEPR DP 6356 (June 2007). With K. O'Rourke and J. Roses.
- "Lost Decades: Dealing with Independence and Globalization in 19th century Latin America." Inaugural Lecture given at the Third International Congress in Economic History, Cuernavaca, Mexico (October 29-31, 2007).
- @"Latin American Growth-Inequality Trade-Offs: The Impact of Insurgence and Independence." NBER Working Paper 15680, National Bureau of Economic Research, Cambridge, Mass. (January 2010).
- @"When, Where, and Why? Early Industrialization in the Poor Periphery 1870-1940," NBER Working Paper 16344, National Bureau of Economic Research, Cambridge, Mass. (September 2010). Paper presented at the EHA annual meetings, Evanston (September 2010).
- "Are We Ready? The Future Abatement of Third World Emigration." Invited address, *Transnationality of Migrants* conference, Venice (September 2010). With Timothy Hatton.
- @"Industrial Catching Up in the Third World 1870-1975," NBER Working Paper 16809, National Bureau of Economic Research, Cambridge, Mass. (February 2011) and CEPR DP 8335 (April 2011). Paper presented at the Asia-Pacific Economic and Business History Conference, Berkeley, California, February 18-20, 2011.
- "Unconditional Convergence: The Spread of Manufacturing to the Periphery 1870-2007" (March 28). Paper presented to the Trade and History Conference, Madrid, May 17-18 2012 and to the WEHC 2012 Congress, Stellenbosch, July 9-13, 2012. With A. Bénétrix and K. O'Rourke.
- "America's First Century: Growth and Inequality 1774-1860." Paper for the DAE-NBER meetings, Cambridge, Mass. (July 23-25 2012). With P. Lindert.
- "Two Centuries of American Growth and Inequality 1650-1860," background paper for the American Historical Association President's Panel (January 2, 2014). With P. Lindert.
- @"Australian Exceptionalism? Inequality and Living Standards 1821-1871" CEPR Discussion Paper 11756 (January 2017) and CEH Discussion Paper, ANU (February 2017). With L. Panza.
- @"The Social Implications of Sugar: Living Costs, Real Incomes and Inequality in Jamaica c1774," NBER Working Paper w23897, National Bureau of Economic Research, Cambridge, Mass. (October 2017). With Trevor Burnard and Laura Panza.
- @"Philippine Inequality across the Twentieth Cen5tury: Slim Evidence but Fat Questions," CEPR Discussion Paper 12481 (December 2017).

Book Reviews

In <u>Asia-Pacific Economic Literature</u>, <u>American Economic Review</u>, <u>American Historical Review</u>, <u>Economic Development and Cultural Change</u>, <u>Economic History Review</u>, <u>Explorations in Economic History</u>, <u>Journal of Economic History</u>, <u>Journal of Economic Literature</u>, <u>Journal of Human Resources</u>, <u>Journal of Political Economy</u>, <u>Kyklos</u>, <u>Malayan Economic Review</u>, and others.

On-going Research Projects

Growth, Living Standards and Inequality in the New World since 1700. The evolution of income and labor force by occupation and region, with focus on comparative growth, inequality and living standards. Involves the construction of large social tables with occupation/region cells containing income earners and their incomes.

<u>United States</u>: The American part of the project has (with Peter Lindert) produced two articles, five working papers, seventeen presentations, a CEPR Vox and a book (*Unequal Growth: American Incomes since 1700* Princeton University Press 2016). The project is being extended to the colonial Americas: Vincent Geloso (Texas A&M) on French Canada; Trevor Burnard (Melbourne), Laura Panza (Melbourne), and me on Jamaica; Leticia Arroyo-Abad (Middlebury) on Nueva Espana; and maybe others on South America.

<u>Australia</u>: Most importantly, the project is also being extended to Australia in collaboration with Laura Panza (Melbourne). It has two parts: "Australian Exceptionalism? Growth and Living Standards, 1821-1871" and "Maintaining Australia's Exceptionalism, 1871 to the Present". Three working papers have appeared (one forthcoming and one R&R). We expect a book eventually.

<u>Jamaica</u>: Considered by Britain its jewel in the Empire's 18th century crown, our work suggests it had, comparatively, a very high per capita income, but immense inequality (the highest in pre-modern times) and poverty even among the free. Paper pending publication.

Industrial Catching Up In the Poor Periphery. Constructed a new data base to measure the spread of industry from the rich center to the poor periphery 1870-2007, using a large country panel drawn from the European periphery, Africa, the Middle East, Asia and Latin America. Measuring intensive and extensive industrial catch up with the leaders. Estimating diffusion rates and the role of: productivity catch up, terms of trade effects, wage competitiveness, cheaper fuel and intermediates, and policy. With Kevin O'Rourke (Oxford) and Augustin Benetrix (Trinity College Dublin). One article and two book chapters published, four working papers and seven conference presentations. O'Rourke and I have co-edited a book *The Spread of Modern Manufacturing* (OUP 2017) based on an Oxford October 2014 conference. With Luis Catăo (IMF), we are exploring a JEL-like assessment of de-industrialization in the 19th century periphery vs the 20th century OECD countries.

Long Run Development of Southeast Asia: In an effort to help Philippine economists learn more about their own economic history (an interest developed during my leave at the University of the Philippines School of Economics 1967-1968, where I am now Visiting Professor), I have four projects ongoing: Philippine inequality since 1898 and a century of Philippine spatial inequality (the latter with a UPSE grad student), Philippine industrialization since 1903 (with Noel de Dios UPSE);; and trade and growth in Southeast Asia since 1870 (with Jean-Pascal Bassino at ENS-Lyon). Participation in a small group constructing a Southeast Asia Economic History website (SeaDelt: https://seadelt.net) to foster research on the region (Bassino; Montse Lopez Jerez at Lund; Jessica Vechbanyongratana at Chulalongkorn; Pierre van der Eng at ANU; and Greg Huff at Oxford).

Globalization, Terms of Trade Shocks and History. The impact of international commodity trade and export prices on factor price convergence, productivity divergence and policy response. Extension of my MIT *Trade and Poverty* book to the African Scramble up to the mid-1880s, and the African export price bust from then to the late 1930s (the former forthcoming *JEH* and the latter ongoing, both with Ewout Frankema and Pieter Woltjer at Wageningin).