

CURRICULUM VITAE

NAME: Ulrich KOHLI

BORN: April 7, 1948, in Zurich, Switzerland

CITIZENSHIP: Switzerland

MARITAL STATUS: Married, two children

HOME ADDRESS: Alte Landstrasse 131 B
CH-8702 Zollikon, Switzerland
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CURRENT POSITION: Chief Economist
Alternate member of the Governing Board
Head, International Affairs
Swiss National Bank
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CH-8022 Zurich, Switzerland
since 2001
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STUDIES: University of Lausanne
Lausanne, Switzerland
1968-1971
Licence ès sciences économiques, 1971

Queen's University
Kingston, Ontario, Canada
1971-1972
M.A. (Economics), 1972

University of British Columbia
Vancouver, B.C., Canada
1972-1975
Ph.D. (Economics), 1976

Ph.D. THESIS: Canadian Technology and Derived Import Demand and Export
Supply Functions

FIELDS: Macroeconomics, Monetary Economics, International Trade
and Finance, Production Theory, Growth Theory

LANGUAGES: French
German
English

AWARDS AND
SCHOLARSHIPS:

Prix de l'Association des Gradués HEC
University of Lausanne, 1969

Prix de l'Ecole des HEC
University of Lausanne, 1971

Skeleton Clark Fellowship
Queen's University, 1971-1972

Canadian Government Scholarship
University of British Columbia, 1972-1975

Harry G. Johnson Prize
Canadian Economics Association, 1979

National Latsis Prize
Swiss National Science Foundation, 1986

PRINCIPAL PREVIOUS
POSITIONS:

Economist
Bank of Canada
Ottawa, Ontario, Canada
1975-1977

Assistant Professor
University of Lausanne
Lausanne, Switzerland
1977-1979

Senior Lecturer (Lecturer 1979-1980)
University of Sydney
Sydney, NSW, Australia
1979-1981

Associate Professor
University of Colorado
Boulder, CO, USA
1981-1983

Economic Adviser (Economist 1983-1984)
Swiss National Bank
Zurich, Switzerland
1983-1985

Professor
University of Geneva
Geneva, Switzerland
1985-2001

VISITING POSITIONS:

Carleton University
Ottawa, Ontario, Canada
1976-1977

Graduate Institute of International Studies
Geneva, Switzerland
1978-1979

Reserve Bank of Australia
Sydney, NSW, Australia
1980 and 1983

Economic Institute
Boulder, CO, USA
1982

University of British Columbia
Vancouver, B.C., Canada
1988

University of Colorado
Boulder, CO, USA
1990, 1991-1992, and 1994

Bank of Tanzania Training Institute
Mwanza, Tanzania
1994, 1995, 1997, and 2001

State Bank of Vietnam Training Center
Hanoi, Vietnam
1996, 1998, 1999, and 2000

University of Lausanne
Lausanne, Switzerland
1999

University of Geneva
Geneva, Switzerland
2001-2002

VARIOUS
APPOINTMENTS:

Expert panel on the Three-Pillar System of Social Security
Federal Department of the Interior
1990-1991

Council Member
Swiss Statistics and Economics Society
1992-1999

Expert on "Le taux d'intérêt minimal au sens de la LPP"
Federal Department of the Interior
1994-1995

Expert Group, National Research Programs 42 and 42+
"Swiss Foreign Policy"
Swiss National Science Foundation
1994-2001

Inter-Departmental Working Group IDA FiSo2
Government of Switzerland
1997

Expert Group on the Reform of the Monetary Regime
Federal Department of Finance & Swiss National Bank
1997-2000

Member
National Research Council
Swiss National Science Foundation
1997-2000

Chairman
Department of Economics
University of Geneva
1997-2001

President (Member, 1994-1996, Vice-President, 1997-2000)
Commission fédérale pour les questions conjoncturelles
Government of Switzerland
2001

Member
Standing Committee for the Social Sciences
European Science Foundation
2000-2002

Honorary Professor
University of Geneva
Geneva, Switzerland
since 2002

OCCASIONAL
REFEREE FOR:

Agricultural Economics, Atlantic Economic Journal, Bulletin of Economic Research, Canadian Journal of Economics, Economic Inquiry, Economica, Empirical Economics, European Economic Review, Geneva Papers on Risk and Insurance, German Economic Review, International Economic Review, International Review of Economics and Finance, Journal of Development Economics, Journal of Econometrics, Journal of Economic Studies, Journal of International Economics, Journal of International Trade and Economic Development, Journal of Macroeconomics, Journal of Money, Credit, and Banking, Journal of Population Economics, Journal of Productivity Analysis, Journal of Public Economics, Labour Economics, Oxford Economic Papers, Quarterly Journal of Business and Economics, Quarterly Journal of Economics, Review of Economics and Statistics, Review of International Economics, Southern Economic Journal, Swiss Journal of Economics and Statistics, Zeitschrift für Nationalökonomie, European Science Foundation, International Labour Office, Irish Research Council for the Humanities and the Social Sciences, National Sciences Foundation (USA), Social Sciences and Humanities Council of Canada, Swiss National Science Foundation, Swiss Social Sciences and Humanities Academy, Volkswagen Stiftung.

MEMBERSHIP:

American Economic Association, since 1972
Canadian Economics Association, since 1973
Western Economic Association, since 1988
Swiss Statistics and Economics Society, since 1992

PUBLICATIONS

i) Books

- [1] Technology, Duality, and Foreign Trade: The GNP Function Approach to Modeling Imports and Exports (London: Harvester Wheatsheaf and Ann Arbor, MI: University of Michigan Press) 1991.
- [2] Analyse macroéconomique (Paris and Brussels: De Boeck) 1999.

ii) Articles in professional journals

- [1] "A Gross National Product Function and the Derived Demand for Imports and Supply of Exports", Canadian Journal of Economics 11 (1978) 167-182.
- [2] "Canada-United States Trade: Tests for the Small-Open-Economy Hypothesis", Canadian Journal of Economics 12 (1979) 1-14 (with Elie Appelbaum).
- [3] "Niveau de l'emploi et exportation du chômage", Wirtschaft und Recht 31 (1979) 315-321.
- [4] "Monnaie surévaluée et maintien du plein emploi", Revue suisse d'économie politique et de statistique 115 (1979) 659-676.
- [5] "Simultaneous Technologies and Demand and Supply Conditions in International Trade", Empirical Economics 4 (1979) 235-246.
- [6] "Nonjointness and Factor Intensity in U.S. Production", International Economic Review 22 (1981) 3-18.
- [7] "Permanent Income in the Consumption and the Demand for Money Functions", Journal of Monetary Economics 7 (1981) 227-238.
- [8] "Valeur ajoutée et progrès technique en Suisse, 1948-1976", Revue suisse d'économie politique et de statistique 117 (1981) 659-676.
- [9] "Import Requirements of Canadian Final Output Components", Empirical Economics 6 (1981) 215-227.
- [10] "Production Theory, Technological Change, and the Demand for Imports: Switzerland, 1948-1976", European Economic Review 18 (1982) 369-386.
- [11] "Relative Price Effects and the Demand for Imports", Canadian Journal of Economics 15 (1982) 205-219.
- [12] "Are Government Deficits the Prime Cause of Inflation?", Journal of Policy Modeling 4 (1982) 279-309 (with Warwick J. McKibbin).
- [13] "Beginning- and End-of-Period Specifications of Asset Demand Functions in Balance-of-Payments Theory", Australian Economic Papers 21 (1982) 332-344.
- [14] "Non-joint Technologies", Review of Economic Studies 50 (1983) 209-219.
- [15] "The Le Châtelier Principle and the Demand for Imports in the Short Run and the Medium Run: Australia, 1959/60 - 1978/79", Economic Record 59 (1983) 149-165.

- [16] "Technology and the Demand for Imports", Southern Economic Journal 50 (1983) 137-150.
- [17] "Production in the Heckscher-Ohlin-Samuelson Model of International Trade Theory: A Simple Mathematical Treatment", Journal of Economic Studies 10 (1983) 42-49.
- [18] "Permanent Prices, Expected Price Changes, and the Demand for Money", Empirical Economics 9 (1984) 233-246.
- [19] "Terms of Trade and Welfare: Estimates", Kyklos 37 (1984) 577-597.
- [20] "La demande de monnaie en Suisse", Bulletin trimestriel de la Banque nationale suisse 2 (1984) 64-70.
- [21] "Technology and Public Goods", Journal of Public Economics 26 (1985) 379-400.
- [22] "La demande de monnaie en Suisse: Aspects divers", Bulletin trimestriel de la Banque nationale suisse 3 (1985) 150-164.
- [23] "U.S. Imports by Origin: A System Approach", Welwirtschaftliches Archiv 121 (1985) 741-755.
- [24] "Inverse Demand and Anti-Giffen Goods", European Economic Review 27 (1985) 397-404.
- [25] "Monetary Control: The Swiss Experience", Cato Journal 5 (1986) 911-926 (with G. Rich).
- [26] "Robert Giffen and the Irish Potato: Note", American Economic Review 76 (1986) 539-542. Reprinted in Mark Blaug (ed.) Alfred Marshall (1842-1924) and Francis Edgeworth (1845-1926). Pioneers in Economic Series, vol. 29 (Aldershot: Elgar) 1992.
- [27] "Direct Index Numbers and Demand Theory", Australian Economic Papers 25 (1986) 17-32.
- [28] "Australian Business Investment: A New Look at the Neoclassical Approach", Economic Record 62 (1986) 451-467 (with Christopher J. Ryan).
- [29] "The U.S. Demand for Foreign Crude Oil: A Translog Approach", Journal of Energy and Development 12 (1986) 115-133 (with Edward R. Morey).
- [30] "A Simple Structural Model of the Swiss Franc - U.S. Dollar Exchange Rate", Applied Economics 19 (1987) 381-392.
- [31] "Exogenous Money, Monetary (Dis)equilibrium, and Expectational Lags", Kredit und Kapital 20 (1987) 179-199.
- [32] "Investment and Interest Rates: An Econometric Dissection", Journal of Macroeconomics 9 (1987) 373-389 (with Christopher J. Ryan).
- [33] "U.S. Imports by Origin: A Characteristics Approach", Kyklos 41 (1988) 51-74 (with Edward R. Morey).
- [34] "Swiss Monetary Policy in a Nutshell", Financial Markets and Portfolio Management 2 (1988) 33-40.

- [35] "A Note on Banknote Characteristics and the Demand for Currency by Denomination", Journal of Banking and Finance 12 (1988) 389-399.
- [36] "Consistent Estimation when the Left-Hand Variable is Exogenous over Part of the Sample Period", Journal of Applied Econometrics 4 (1989) 283-293.
- [37] "Price and Quantity Elasticities in U.S. Foreign Trade", Economics Letters 33 (1990) 277-281.
- [38] "Oil Characteristics and the U.S. Demand for Foreign Crude by Region of Origin", Atlantic Economic Journal 18 (1990) 55-67 (with Edward R. Morey).
- [39] "Growth Accounting in the Open Economy: Parametric and Nonparametric Estimates", Journal of Economic and Social Measurement 16 (1990) 125-136.
- [40] "Production, Foreign Trade, and Global Curvature Conditions: Switzerland, 1948-1988", Swiss Journal of Economics and Statistics 128 (1992) 3-20.
- [41] "U.S. Technology and the Specific-Factors Model", Journal of International Economics 34 (1993) 115-136.
- [42] "A Symmetric Normalized Quadratic GNP Function and the U.S. Demand for Imports and Supply of Exports", International Economic Review 34 (1993) 243-255.
- [43] "International Labor Mobility and the Demand for Imports", Swiss Journal of Economics and Statistics 129 (1993) 547-561.
- [44] "GNP Growth Accounting in the Open Economy: Parametric and Nonparametric Estimates for Switzerland", Swiss Journal of Economics and Statistics 129 (1993) 601-615.
- [45] "Technological Biases in U.S. Aggregate Production", Journal of Productivity Analysis 5 (1994) 5-22.
- [46] "Canadian Imports and Exports by Origin and Destination: A Semi-flexible Approach", Canadian Journal of Economics 27 (1994) 580-603.
- [47] "Stolper-Samuelson-Like and Rybczynski-Like Results in 2x2 Production Models", Journal of International Trade and Economic Development 4 (1995) 63-79.
- [48] "The Short-Run and Long-Run Factor-Market Consequences of Immigration to the United States", Journal of Regional Science 36 (1996) 43-66 (with Michael J. Greenwood and Gary L. Hunt).
- [49] "The Factor-Market Consequences of Unskilled Immigration to the United States", Labour Economics 4 (1997) 1-28 (with Michael J. Greenwood and Gary L. Hunt), reprinted in Greenway, David and Douglas R. Nelson (eds.) Globalization and Labour Markets, Vol. 2 (Cheltenham, U.K. and Northampton, MA: Elgar) 2001.
- [50] "Accounting for Recent Economic Growth in Southeast Asia", Review of Development Economics 1 (1997) 245-256.
- [51] "Import Price Uncertainty and the Distribution of Income", Review of Economics and Statistics 79 (1997) 620-630 (with Elie Appelbaum).

- [52] "GDP Growth, Terms-of-Trade Effects, and Total Factor Productivity", Journal of International Trade and Economic Development 7 (1998) 87-110 (with Kevin Fox).
- [53] "The Geographical Composition of Swiss Foreign Trade: A Semiflexible Approach", Swiss Journal of Economics and Statistics 134 (1998) 41-62.
- [54] "Semiflexibility vs. Flexibility: U.S. Imports and Exports by Commodity Group", International Review of Economics and Finance 7 (1998) 1-21.
- [55] "Accounting for South-Korean GDP Growth: Index-Number and Econometric Estimates", Pacific Economic Review 3 (1998) 133-152 (with Augustin Werner).
- [56] "Import-Price Uncertainty, Production Decisions, and Relative Factor Shares", Review of International Economics 6 (1998) 345-360 (with Elie Appelbaum).
- [57] "Sanyal and Jones on Trade in Middle Products", Journal of International Trade and Economic Development 10 (2001) 39-63.
- [58] "Migration and Foreign Trade: Further Results", Journal of Population Economics 15 (2002) 381-387.
- [59] "Variations des termes de l'échange et PIB réel", Bulletin trimestriel de la Banque nationale suisse (2002) 55-63. German translation: "Veränderung der Terms of Trade und reales BIP", Quartalsheft der Schweizerischen Nationalbank (2002) 55-63.
- [60] "Accounting for Growth and Output Gaps: Evidence from New Zealand", Economic Record 78 (2002) 312-326 (with Kevin J. Fox and Ronald S. Warren, Jr.).
- [61] "Exact Unemployment Rate Indices", Contemporary Economic Policy 21 (2003) 218-226 (with Michael J. Greenwood).
- [62] "GDP Growth Accounting: A National Income Function Approach", Review of Income and Wealth 49 (2003) 23-34.
- [63] "Terms of Trade, Real GDP, and Real Value Added: A New Look at New Zealand's Growth Performance", New Zealand Economic Papers 37 (2003) 41-66.
- [64] "Sources of Growth and Output Gaps in New Zealand: New Methods and Evidence", New Zealand Economic Papers 37 (2003) 67-92 (with Kevin J. Fox and Ronald S. Warren, Jr.).
- [65] "Growth Accounting in the Open Economy: International Comparisons", International Review of Economics and Finance 12 (2003) 417-435.
- [66] "Real GDP, Real Domestic Income, and Terms-of-Trade Changes", Journal of International Economics 62 (2004) 83-106.
- [67] "An Implicit Törnqvist Index of Real GDP", Journal of Productivity Analysis 21 (2004) 337-353.
- [68] "Joint Production and the Structure of Technology: A Generalization", Journal of Economics/Zeitschrift für Nationalökonomie 84 (2005) 101-133.

iii) Chapters in books

[1] "Foreign Trade", in Bank of Canada (ed.) The Structure of RDX2 (Ottawa, Ontario: Bank of Canada) 1977.

[2] "The Foreign Exchange Market and Short-Run Capital Flows", in Bank of Canada (ed.) The Structure of RDX2 (Ottawa, Ontario: Bank of Canada) 1977.

[3] "La vitesse de circulation de la monnaie", in Olivier de La Grandville (ed.) Relations internationales, politique économique et méthodologie: Essais en l'honneur de Jacques L'Huillier (Geneva: Georg Editeur) 1987.

[4] "L'impact économique de la sécurité sociale", in Fünf Expertenberichte zur Dreisäulenkonzeption der Schweizerischen Alters-, Hinterlassenen- und Invalidenvorsorge (Berne: Département fédéral de l'intérieur) 1991.

[5] "Stolper-Samuelson and the Structure of Production", in Alan V. Deardorff and Robert M. Stern (eds.) The Stolper-Samuelson Theorem: A Golden Jubilee (Ann Arbor, MI: University of Michigan Press) 1994.

[6] "Recent Developments in Swiss Monetary Policy", in Philippe Bacchetta and Walter Wasserfallen (eds.) Economic Policy in Switzerland (London: Macmillan) 1997 (with Hans Genberg).

[7] "The U.S. Labor Market Impacts of Low-Skill Migration from Mexico", in Mexico-United States Binational Commission (ed.) Migration between Mexico and the United States, volume 3 (Mexico City: Mexican Ministry of Foreign Affairs, and Washington, D.C.: U.S. Commission on Immigration Reform) 1998 (with Paul S. Davies, Michael J. Greenwood, Gary L. Hunt, and Marta Tienda).

[8] "Trade and Migration: A Production Theory Approach", in Ricardo Faini, Jaime de Melo, and Klaus F. Zimmermann (eds.) Migration: The Controversies and the Evidence (Cambridge: Cambridge University Press) 1999.

[9] "Sanyal and Jones on Fragmentation and Trade: Empirical Evidence for South Korea", in Leonrad K. Cheng and Henryk Kierzkowski (eds.) Global Production and Trade in East Asia (Norwell, MA: Kluwer Academic Publishers) 2001.

iv) Comments

[1] "Financial Regulation and Market Forces: Comments", Swiss Journal of Economics and Statistics 127 (1991) 55-57.

[2] "Blueprints, Spillovers, and the Dynamic Gains from Trade Liberalization in a Small Open Economy: Discussion", in Richard E. Baldwin and Joseph F. Francois (eds.) Dynamic Issues in Commercial Policy Analysis (Cambridge: Cambridge University Press) 1999.

[3] "A Contribution to the Theory of Special Economic Zones: Comment", in Hans-Jürgen Vosgerau (ed.) Institutional Arrangements for Global Economic Integration (London: Macmillan) 2000.

v) Book reviews

[1] Sraffa and the Theory of Prices, by Alessandro Roncaglia, Revue économique et sociale 37 (1979) 62-64.

[2] International Trade and Resource Allocation, by Alan D. Woodland, Canadian Journal of Economics 16 (1983) 744-746.

[3] Inside the Black Box: Technology and Economics, by Nathan Rosenberg, Southern Economic Journal, 296-297.

[4] International Comparisons of Productivity and Causes of the Slowdown, by John W. Kendrick (ed.), Southern Economic Journal, 887-888.

[5] Costs and Productivity in Automobile Production: The Challenge of Japanese Efficiency, by Melvyn A. Fuss and Leonard Waverman, Canadian Journal of Economics 27 (1994), 250-254.

[6] Estimating Trade Elasticities, by Jaime Marquez, Journal of Economics (2004).

vi) Technical reports

[1] "Canadian Technology and the Derived Demand for Imports and Supply of Exports", Department of Manpower and Immigration, Ottawa, Canada (1975).

[2] "Construction of Foreign Trade Components, 1948-1972", Department of Manpower and Immigration, Ottawa, Canada (1975).

[3] "An Analysis of the Major Dynamic Properties of RDX2", Technical Report 13, Bank of Canada, Ottawa, Canada (1978) (with Leo deBever and Tom Maxwell).

[4] "Money, Wealth, and Prices: An Empirical Analysis", Research Discussion Paper 8201, Reserve Bank of Australia, Sydney, Australia (1982) (with Warwick J. McKibbin).

[5] "Neoclassical Theory and Australian Business Investment: A Reappraisal", Research Discussion Paper 8501, Reserve Bank of Australia, Sydney, Australia (1985) (with Christopher J. Ryan).

[6] "On Chocolate and Migration: The GNP Function Approach to Modeling the Demand for Foreign Labor Services", Discussion Paper No. 50, CERGE, Charles University (1995).